



# Quidditch Practice Planner

Create by Alex Cline

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# Phase 1 - Section 1: Project Overview and Goals



My app will have the rules for quidditch, a collection of drills along with animations and voice overs for each one, team rosters, and other helpful information about the sport of quidditch. This app would allow coaches to create practice schedules based on the various drill that are present on the app.

This app would be aimed at quidditch coaches, mainly newer ones, who could use the app to learn and teach new drills as well as plan practices. Coaches can also keep track of previous practices and the drills that took place during them to help them effectively plan for the next one. New coaches are typically less comfortable with the rules of the sport than more experienced coaches and often fear that this lack of confidence will hinder their success as a coach. This app coach help coaches priorities certain drills in order to assist their players in the most effective manner.



## Phase 1 - Section 2: Golden Thread

1. Coach Tim needs to quidditch plan practice, so he opens his phone and **taps** on the app's icon to start.
2. Tim then **taps** on the "Plan Practice" button and types in the day, time, location, and detail information.
3. Next, he then **taps** on a position so that a **catalog** of various drills related to that position **pops up**. Each drill includes an **animation** and **voice overs** to help the coach understand what happens during the drill.
4. Tim selects all of the **drills** he wishes to do during practice by **dragging** in them in order of time.
5. Once the drills are organized, Tim **reviews** and **finalizes** the practice **schedule**.
6. Tim is content with his schedule so he selects the **confirm** button.
7. The app then provides Tim with the option to **send an email** through the app which will **notify** the rest of the team.
8. Tim **closes** the application and returns to practice. Three minutes later he receives a notification that Ed and Eric opened the email he sent.

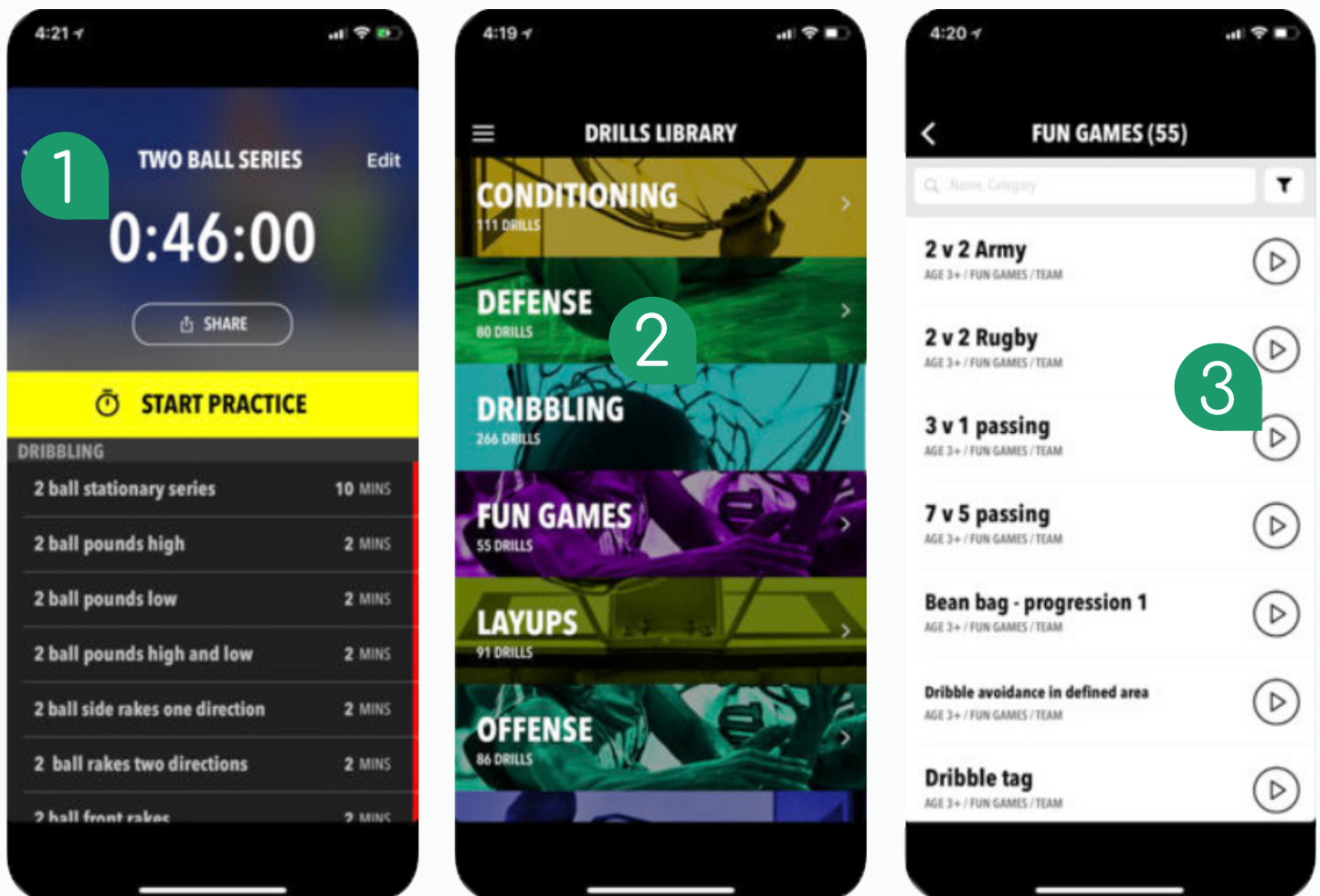


## Phase 1 - Section 3: Competitive Analysis



# Basketball Practice Planner

**Basketball Practice Planner** is a coaching app created by **Family Fit** for coaches of youth basketball teams. It contains a list of many drills categorized based on what the focus of the drill is on. Each drill has a timer and a video/animation that comes with it to assist the coach in explaining and running the drill.



UI

UX

1. Drill timer communicates the name of the drill, the time of the drill, and how to start the timer.
  2. The distinctions of the categories for the different drills are clear and easy to read, even with a picture as backgrounds for the category.
  3. Each drill is easy to distinguish from the others and it's clear that there is a video with each drill.
- Each page is well organized which makes it easy to find the what I want.
  - Icons are minimalist yet it is still easy to identify each icon.
  - Most elements communicate their function efficiently, making the it take little time to get to where I want.

# Easy Practice - Soccer Practice Planner for Parent Coaches

Easy Practice - Soccer Practice Planner for Parent Coaches is a coaching app created by iSoccer LLC for coaches of youth soccer teams. The allows the coaches to plan practices and contains illustrations of how to set up and run different drills.



## UI

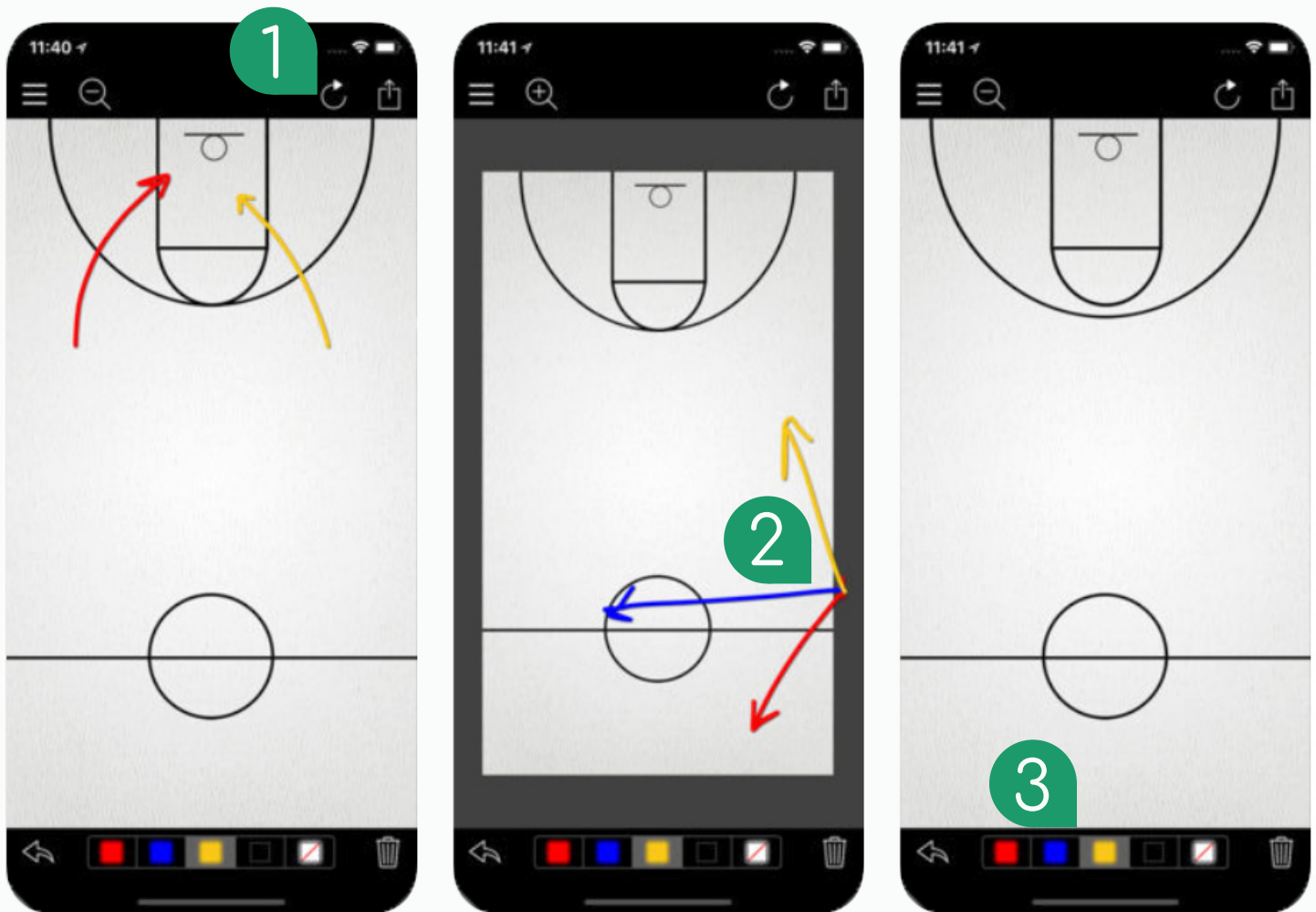
1. Summary of the drills that explains how the drill is run. This is helpful if the illustration is unclear.
2. Illustration of how to set up the drill is helpful and communicates to users what information is relevant quickly.
3. List of all of the drills during practices with time lengths allows for users to plan practices.

## UX

- Simple color palette and icons make the different elements distinct from each other.
- Drills have multiple pages that divide information, which makes the information easy to understand.
- The ability to favorite drills makes it much faster to get to drills I use a lot.

# InfiniteHoops Whiteboard

**InfiniteHoops Whiteboard** is a sports app created by **Broadside LLC** for coaches of youth basketball teams. It allows for coaches to draw on a digital white board with four different colors to help discuss plans with the players.



## UI

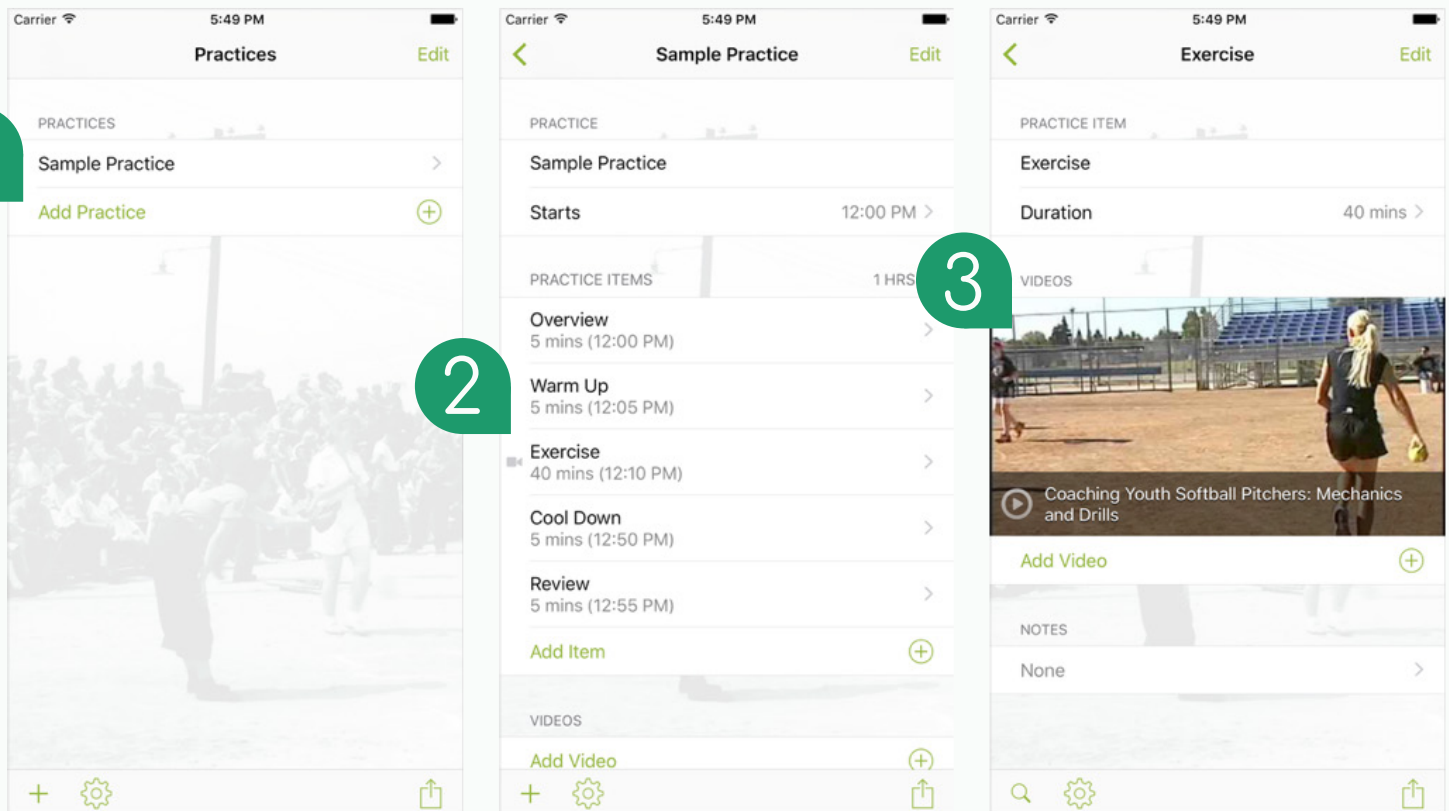
1. This an undo button for mistakes made while drawing lines is clearly and undo button.
2. The lines when drawn are very easy to distinguish on screen.
3. The color pallete is clear as is the indcation of the color is chosen.

## UX

- Minimal Interface makes elements distinct from each other.
- Colors are easy to distinguish from each other, making drawings easier to understand.
- App doesn't do any else, which means I can't directly relate the drawing to drills.

# InfiniteSoftball Practice Planner

InfiniteSoftball Practice Planner is a coaching app created by Broadside LLC for coaches of youth softball teams. It allows coaches to plan practices, create practice items, and set time lengths for each item. Each practice can be come with a video to assist the coach in explaining and running the drill.



## UI

1. The “add practice” lets coaches plan multiple practices at a time.
2. The practice items are custom made created by the user and can be assigned a video as well.
3. The video is clear and accessible within its practice item.

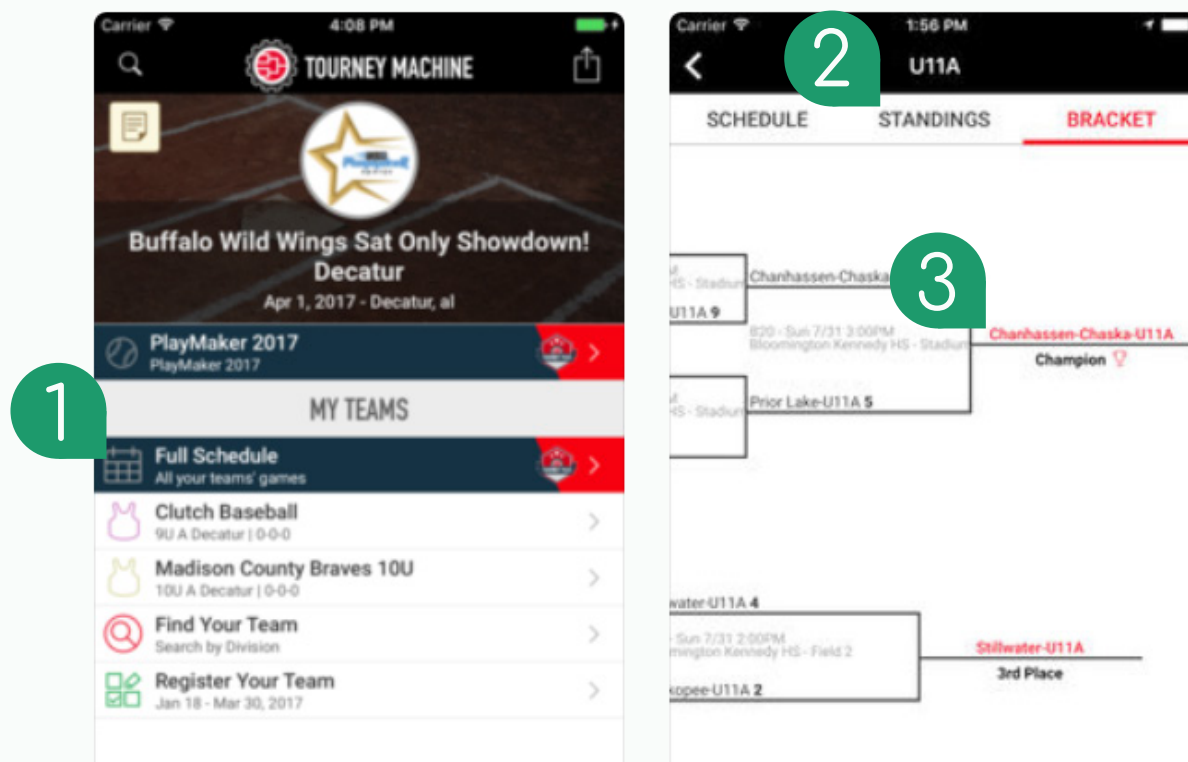
## UX

- Many elements are native to the iPhone, which makes it feel bland.
- Easy to navigate the app, making it take little time to find different content.
- There are descriptions with the videos so that it is easier to understand what the video is telling me.x



# Tourney Machine

Tourney Machine is a sports app created by Sports Illustrated Play LLC for coaches of youth basketball teams. It allows coaches to see tournament schedules and standings within the tournament.



## UI

1. The headers of each section stand out on the screen the most.
2. The menus on the top split the content well and the menu the user is on is very clear.
3. The text in the brackets are easy to read and important text is either bold or a different color.

## UX

- Buttons are clear and come with words that explain them.
- Fonts are easy to read and do not distract from the content.
- Minimalist design makes the content easier to find and understand.

## Review

App	Minimalist	Menus w/ Picture	Drills
Basketball Practice Planner		X	X
Easy Practice	X		X
InfiniteHoops Whiteboard	X		
InfiniteSoftball Practice Planner		X	X
Tourney Machine	X		

App	Animation/ Video	Whiteboard	Rating
Basketball Practice Planner	X		4.1%
Easy Practice	X		4.1%
InfiniteHoops Whiteboard		X	4.0%
InfiniteSoftball Practice Planner	X		3.7%
Tourney Machine			3.9%

## Findings

To start, I found that there are no quidditch practice planners in the Apple App Store at the time of the competitive analysis, and this meant that other sports apps had to be analyzed for possible design patterns. This allowed me to look through several different apps with many different design patterns and aesthetics to find what would work for my app.

Among the five apps, they all have a mix of the different features I'm looking to us. This tells me that they are relatively popular amongst their user based. However, none of the apps have all the features I'm looking for, which could mean that combining all of these features could help my app stand out or feel unique.



# Phase 1 - Section 4: Empathy Map









## Phase 1 - Section 5: Moodboard



# Quidditch Practice Planner

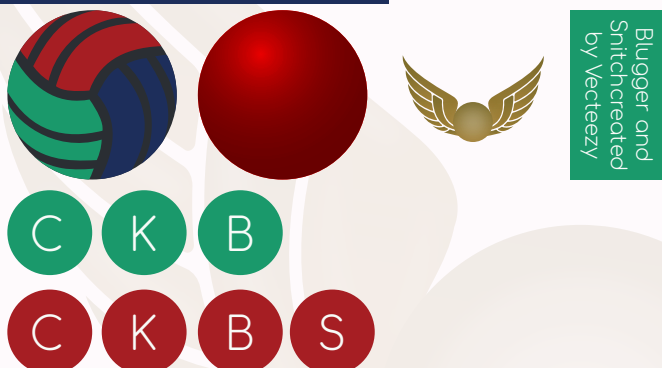
By Alex Cline



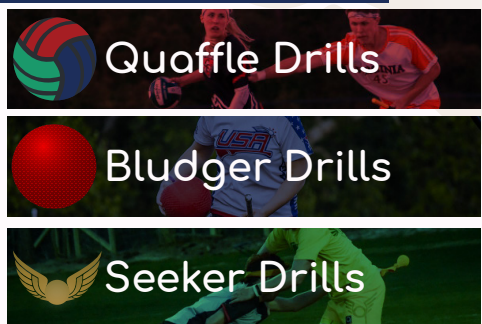
## Color Palette

#1D2E5B	#A61E23	#1A996B	#2A2E33	#FEF9FB	#F8FBF8
R:29 G:46 B:91	R:166 G:30 B:35	R:26 G:153 B:107	R:42 G:46 B:51	R:254 G:249 B:251	R:248 G:251 B:248

## Iconography



## UI Elements



## Typography

Comfortaa - 18 pt - ABCDEF  
GHIJKLMNOPQRSTUVWXYZ

Bell MT - 12 pt - abcdef  
ghijklmnopqrstuvwxyz

## Photography



Photos found on <https://www.usquidditch.org/>





# Phase 1 - Section 6: User Survey

## Survey #1

- Question #1: How many years of experience do you have as a quidditch coach? 3
- Question #2: What's the smallest number of players you have run a practice with? 1
- Question #3: What's the largest number of players you have run a practice with? 20
- Question #4: Have you ever felt like you were unprepared to run a practice when you arrived? No
- Question #5: If the answer was yes or somewhat for question 4, can you elaborate more on that?
- Question #6: Do you currently feel like you have an adequate list of drills for all quidditch fundamentals and positions? Yes
- Question #7: If the answer was no or somewhat for question 6, can you elaborate more on that?
- Question #8: Do you think you would benefit from an app that had a collection of all kinds of drills? Somewhat
- Question #9: Please elaborate on your answer to question 8.  
I am very creative with designing drills on the spot but a bank of my most popular drills would not hurt.
- Question #10: Do you think you would benefit from an app that would allow you to schedule drills at specific times during practice? No
- Question #11: Please elaborate on your answer to question 10.  
I tend to base the pace of practice on the energy and flow of the players.
- Question #12: If there was an app for quidditch coaches, what are some functions/features that you would want within that app?  
A way to track stats live during a scrimmage (such as having players in a scrollable list and being able to, with a single tap, record a + or - play while still watching live play).
- Question #13: Do you have any other suggests or ideas for a quidditch coaching app? Above.



## Survey #2

- Question #1: How many years of experience do you have as a quidditch coach? 2
- Question #2: What's the smallest number of players you have run a practice with? 3
- Question #3: What's the largest number of players you have run a practice with? 14
- Question #4: Have you ever felt like you were unprepared to run a practice when you arrived? Yes
- Question #5: If the answer was yes or somewhat for question 4, can you elaborate more on that?  
Sometimes it's a matter of having different numbers than expected, sometimes it's my fault for not being prepared.
- Question #6: Do you currently feel like you have an adequate list of drills for all quidditch fundamentals and positions? Yes
- Question #7: If the answer was no or somewhat for question 6, can you elaborate more on that?
- Question #8: Do you think you would benefit from an app that had a collection of all kinds of drills? Yes
- Question #9: Please elaborate on your answer to question 8.  
It would be helpful to vary things and find different types of drills that work for different people.
- Question #10: Do you think you would benefit from an app that would allow you to schedule drills at specific times during practice? No
- Question #11: Please elaborate on your answer to question 10.  
I don't have trouble with time management .
- Question #12: If there was an app for quidditch coaches, what are some functions/features that you would want within that app? None.
- Question #13: Do you have any other suggests or ideas for a quidditch coaching app? None.

## Survey #3

- Question #1: How many years of experience do you have as a quidditch coach? 1
- Question #2: What's the smallest number of players you have run a practice with? 2
- Question #3: What's the largest number of players you have run a practice with? 20
- Question #4: Have you ever felt like you were unprepared to run a practice when you arrived? Yes
- Question #5: If the answer was yes or somewhat for question 4, can you elaborate more on that?  
Every season (august-october and again in spring) number of attendance; enough money; practice location (community quidditch team).
- Question #6: Do you currently feel like you have an adequate list of drills for all quidditch fundamentals and positions? No
- Question #7: If the answer was no or somewhat for question 6, can you elaborate more on that?  
Any and all of the above; just a quick reference would be nice thats easily accessible.
- Question #8: Do you think you would benefit from an app that had a collection of all kinds of drills? Yes
- Question #9: Please elaborate on your answer to question 8.  
Like any app; be able to pull things out at the click of a button; easy access.
- Question #10: Do you think you would benefit from an app that would allow you to schedule drills at specific times during practice? Somewhat
- Question #11: Please elaborate on your answer to question 10.  
A calendar would be nice to keep track; people can use google docs the same way.
- Question #12: If there was an app for quidditch coaches, what are some functions/features that you would want within that app?  
Map track (so people can easily see where practice is located); list of drills based on position.
- Question #13: Do you have any other suggests or ideas for a quidditch coaching app?  
When can you get start? :). think its an interesting idea. just roll with it and see how it goes :).  
Chicago Untied Quidditch Club

## Survey #4

- Question #1: How many years of experience do you have as a quidditch coach? 2
- Question #2: What's the smallest number of players you have run a practice with? 3
- Question #3: What's the largest number of players you have run a practice with? 26
- Question #4: Have you ever felt like you were unprepared to run a practice when you arrived? No
- Question #5: If the answer was yes or somewhat for question 4, can you elaborate more on that?
- Question #6: Do you currently feel like you have an adequate list of drills for all quidditch fundamentals and positions? Yes
- Question #7: If the answer was no or somewhat for question 6, can you elaborate more on that?
- Question #8: Do you think you would benefit from an app that had a collection of all kinds of drills? Yes
- Question #9: Please elaborate on your answer to question 8.  
It is always great to gain new insight in drills and have more input to create a better practice.
- Question #10: Do you think you would benefit from an app that would allow you to schedule drills at specific times during practice? Somewhat
- Question #11: Please elaborate on your answer to question 10.  
Usually I use a stopwatch but app might be worth a try.
- Question #12: If there was an app for quidditch coaches, what are some functions/features that you would want within that app? None
- Question #13: Do you have any other suggests or ideas for a quidditch coaching app? None

## Survey #5

- Question #1: How many years of experience do you have as a quidditch coach? 3
- Question #2: What's the smallest number of players you have run a practice with? 5
- Question #3: What's the largest number of players you have run a practice with? 35
- Question #4: Have you ever felt like you were unprepared to run a practice when you arrived? Yes
- Question #5: If the answer was yes or somewhat for question 4, can you elaborate more on that? Not often, unsure of which drills to do. How to run one with larger numbers.
- Question #6: Do you currently feel like you have an adequate list of drills for all quidditch fundamentals and positions? Somewhat
- Question #7: If the answer was no or somewhat for question 6, can you elaborate more on that? More beater drills
- Question #8: Do you think you would benefit from an app that had a collection of all kinds of drills? Yes
- Question #9: Please elaborate on your answer to question 8. I would have access to more options.
- Question #10: Do you think you would benefit from an app that would allow you to schedule drills at specific times during practice? No
- Question #11: Please elaborate on your answer to question 10. Already have practices scheduled without an app.
- Question #12: If there was an app for quidditch coaches, what are some functions/features that you would want within that app? None
- Question #13: Do you have any other suggests or ideas for a quidditch coaching app? None



## Survey #6

- Question #1: How many years of experience do you have as a quidditch coach?  
5
- Question #2: What's the smallest number of players you have run a practice with?  
8
- Question #3: What's the largest number of players you have run a practice with?  
30
- Question #4: Have you ever felt like you were unprepared to run a practice when you arrived?  
No
- Question #5: If the answer was yes or somewhat for question 4, can you elaborate more on that?
- Question #6: Do you currently feel like you have an adequate list of drills for all quidditch fundamentals and positions?  
Yes
- Question #7: If the answer was no or somewhat for question 6, can you elaborate more on that?
- Question #8: Do you think you would benefit from an app that had a collection of all kinds of drills?  
Yes
- Question #9: Please elaborate on your answer to question 8.  
The best coaches are "thiefs" and always looking for new drills.
- Question #10: Do you think you would benefit from an app that would allow you to schedule drills at specific times during practice?  
Yes
- Question #11: Please elaborate on your answer to question 10.  
Schedules are always good.
- Question #12: If there was an app for quidditch coaches, what are some functions/features that you would want within that app?  
Drills as previously stated, team roster, stats, etc etc.
- Question #13: Do you have any other suggests or ideas for a quidditch coaching app?  
None

## Survey #7

- Question #1: How many years of experience do you have as a quidditch coach? 3
- Question #2: What's the smallest number of players you have run a practice with? 4
- Question #3: What's the largest number of players you have run a practice with? 16
- Question #4: Have you ever felt like you were unprepared to run a practice when you arrived? Yes
- Question #5: If the answer was yes or somewhat for question 4, can you elaborate more on that?  
I was quite often unsure on what drills to do in my first year as a coach, now it rarely happens because I almost always prepare practices.
- Question #6: Do you currently feel like you have an adequate list of drills for all quidditch fundamentals and positions? Somewhat
- Question #7: If the answer was no or somewhat for question 6, can you elaborate more on that?  
I'm a beater coach, I know some drills for other positions but I'm better prepared in beater drills.
- Question #8: Do you think you would benefit from an app that had a collection of all kinds of drills? Yes
- Question #9: Please elaborate on your answer to question 8.  
It would simplify and speed up practices preparation, and give some ideas to new coaches.
- Question #10: Do you think you would benefit from an app that would allow you to schedule drills at specific times during practice? Yes
- Question #11: Please elaborate on your answer to question 10.  
Practices would be better organized.
- Question #12: If there was an app for quidditch coaches, what are some functions/features that you would want within that app?  
Drills divided by positions, n° of players; players list with random team generator; possibility to take note about players, also with stats and graphics; possibility to create a shared account for teams trained by multiple coaches; links to main coaches material, like rulebook, drill manuals, ect.
- Question #13: Do you have any other suggests or ideas for a quidditch coaching app? None

## Survey #8

- Question #1: How many years of experience do you have as a quidditch coach? 2.5
- Question #2: What's the smallest number of players you have run a practice with? 5
- Question #3: What's the largest number of players you have run a practice with? 30
- Question #4: Have you ever felt like you were unprepared to run a practice when you arrived? Somewhat
- Question #5: If the answer was yes or somewhat for question 4, can you elaborate more on that?  
Sometimes I run through the practice plan and have to think of things to do at practice, or I'll show up with a practice plan and not enough people will show up to do what I planned so I have to wing it.
- Question #6: Do you currently feel like you have an adequate list of drills for all quidditch fundamentals and positions? Somewhat
- Question #7: If the answer was no or somewhat for question 6, can you elaborate more on that?  
It's not the drills so much as the organization of quidditch tactical documents. They're very long and take a long time to sift through. Also many drill are tough to understand simply through step-by-step instructions (I learn best by doing). Also quidditch doesn't really have standard terminology for many things (Ex: what I call a post player, a European coach would call a "troll") and that can make these documents difficult to understand.
- Question #8: Do you think you would benefit from an app that had a collection of all kinds of drills? Yes
- Question #9: Please elaborate on your answer to question 8.  
More resources are always better.
- Question #10: Do you think you would benefit from an app that would allow you to schedule drills at specific times during practice? Yes
- Question #11: Please elaborate on your answer to question 10.  
I have a template for practice plans, but life would be easier if I could just use my phone.
- Question #12: If there was an app for quidditch coaches, what are some functions/features that you would want within that app?  
Stop watch, rule book, counter, timer, practice planning feature (one similar to many fitness apps where you can select drills to add to the plan and then manage the plan), roster tracking feature.
- Question #13: Do you have any other suggests or ideas for a quidditch coaching app?  
It should be open source, coaches should be able to add any cool and effective drills and activities they think of.

## Survey #9

- Question #1: How many years of experience do you have as a quidditch coach? 2.5
- Question #2: What's the smallest number of players you have run a practice with? 6
- Question #3: What's the largest number of players you have run a practice with? 50
- Question #4: Have you ever felt like you were unprepared to run a practice when you arrived? Somewhat
- Question #5: If the answer was yes or somewhat for question 4, can you elaborate more on that?  
Only when i was expecting good practice attendance during my planning and forced to drastically change drills to accommodate extremely low practice attendance.
- Question #6: Do you currently feel like you have an adequate list of drills for all quidditch fundamentals and positions? Yes
- Question #7: If the answer was no or somewhat for question 6, can you elaborate more on that?
- Question #8: Do you think you would benefit from an app that had a collection of all kinds of drills? Yes
- Question #9: Please elaborate on your answer to question 8.  
I think it's pretty self explanatory as to why having drills readily available would be helpful to anyone.
- Question #10: Do you think you would benefit from an app that would allow you to schedule drills at specific times during practice? No
- Question #11: Please elaborate on your answer to question 10.  
It's unnecessary. Anyone who is coaching should be able to manage practice time efficiently.
- Question #12: If there was an app for quidditch coaches, what are some functions/features that you would want within that app? None
- Question #13: Do you have any other suggests or ideas for a quidditch coaching app? Nonez

## Survey #10

- Question #1: How many years of experience do you have as a quidditch coach? 1
- Question #2: What's the smallest number of players you have run a practice with? 8
- Question #3: What's the largest number of players you have run a practice with? 33
- Question #4: Have you ever felt like you were unprepared to run a practice when you arrived? Yes
- Question #5: If the answer was yes or somewhat for question 4, can you elaborate more on that?  
I felt this way once a week usually it was because something from this week or last tournament had something that needed to be corrected asap. I would build a drill on the fly to correct it instead of what I had planned earlier.
- Question #6: Do you currently feel like you have an adequate list of drills for all quidditch fundamentals and positions? Yes
- Question #7: If the answer was no or somewhat for question 6, can you elaborate more on that?
- Question #8: Do you think you would benefit from an app that had a collection of all kinds of drills? Yes
- Question #9: Please elaborate on your answer to question 8.  
I have a lot of drills and ideas but it's hard to say if they are as useful as scrimmaging. I'd want to know how important certain skills are so that I can balance the drills I'm doing.
- Question #10: Do you think you would benefit from an app that would allow you to schedule drills at specific times during practice? No
- Question #11: Please elaborate on your answer to question 10. I can do this on my own.
- Question #12: If there was an app for quidditch coaches, what are some functions/features that you would want within that app? How to set up and teach each drill.
- Question #13: Do you have any other suggests or ideas for a quidditch coaching app? None



## Survey #11

- Question #1: How many years of experience do you have as a quidditch coach? 2
- Question #2: What's the smallest number of players you have run a practice with? 2
- Question #3: What's the largest number of players you have run a practice with? 75
- Question #4: Have you ever felt like you were unprepared to run a practice when you arrived? Somewhat
- Question #5: If the answer was yes or somewhat for question 4, can you elaborate more on that?  
My first few experiences coaching were for a very large tryout group, which was tricky. I feel very confident now in being able to teach quidditch now, and did today for a large group of mostly young players.
- Question #6: Do you currently feel like you have an adequate list of drills for all quidditch fundamentals and positions? Somewhat
- Question #7: If the answer was no or somewhat for question 6, can you elaborate more on that?  
Very confident on beater drills, a step down for chaser drills, and seeker drills only feel moderately okay s out.
- Question #8: Do you think you would benefit from an app that had a collection of all kinds of drills? Yes
- Question #9: Please elaborate on your answer to question 8.  
Extra brainstorming power is always good. Even if I were to tweak the drills, it could spark ideas.
- Question #10: Do you think you would benefit from an app that would allow you to schedule drills at specific times during practice? No
- Question #11: Please elaborate on your answer to question 10.  
I feel like it is unnecessary work. I like to have a little give and take during my practices, and don't care to schedule to specifics.
- Question #12: If there was an app for quidditch coaches, what are some functions/features that you would want within that app?  
A notes section, or daily focus section. A place to write down my thoughts more concisely, and also a way to share those thoughts with teammates before and after practices.
- Question #13: Do you have any other suggests or ideas for a quidditch coaching app?  
Animations of plays, and use ability to create my own plays. This would be huge to help players visualize what is going on. Especially if I could leave a note for each position at each step in a play, so anyone could pick up the play and learn extensively about it before even stepping foot on the pitch.

## Survey #12

- Question #1: How many years of experience do you have as a quidditch coach? 5
- Question #2: What's the smallest number of players you have run a practice with? 3
- Question #3: What's the largest number of players you have run a practice with? 50
- Question #4: Have you ever felt like you were unprepared to run a practice when you arrived? Yes
- Question #5: If the answer was yes or somewhat for question 4, can you elaborate more on that?  
When more or less people turn up than was indicated on the event. More people from a specific position turned up. Weather (too windy, heat, rain) or amount of available equipment limited drills (not enough balls, cones, brooms, space etc)
- Question #6: Do you currently feel like you have an adequate list of drills for all quidditch fundamentals and positions? Somewhat
- Question #7: If the answer was no or somewhat for question 6, can you elaborate more on that?  
Beater Only drills are lacking. I find that beater drills are very situational and almost always involve chaser play which can be hard to focus when your chasers performing the drill generally outnumber the beaters.
- Question #8: Do you think you would benefit from an app that had a collection of all kinds of drills? Yes
- Question #9: Please elaborate on your answer to question 8.  
Access to a database which provide drills based on numbers, skill level, positions, time, space, available equipment can make sessions more productive and beneficial to those attending
- Question #10: Do you think you would benefit from an app that would allow you to schedule drills at specific times during practice? Somewhat
- Question #11: Please elaborate on your answer to question 10.  
Not really. Most training sessions should work on a development build ie, throwing techniques > running passes > 3 Man weaves > game situations. Training should work from a couple of single points and then then develop and build on those point and show how they are incorporated in real game situations. having the ability to specify a time to run certain drills should be assumed knowledge.
- Question #12: If there was an app for quidditch coaches, what are some functions/features that you would want within that app?  
Stop watch, a counter to keep track of sets or reps,
- Question #13: Do you have any other suggests or ideas for a quidditch coaching app? None

## Survey #13

- Question #1: How many years of experience do you have as a quidditch coach? 3
- Question #2: What's the smallest number of players you have run a practice with? 6
- Question #3: What's the largest number of players you have run a practice with? 25
- Question #4: Have you ever felt like you were unprepared to run a practice when you arrived? Somewhat
- Question #5: If the answer was yes or somewhat for question 4, can you elaborate more on that?  
Every time that I have to divide my attention between beaters and chasers. I am always worried that one group will become bored with whatever drill I come up for them to do while coaching the other group
- Question #6: Do you currently feel like you have an adequate list of drills for all quidditch fundamentals and positions? Somewhat
- Question #7: If the answer was no or somewhat for question 6, can you elaborate more on that?  
I am most at a loss for what to do with beaters, especially when it comes to coaching mechanics. I feel like every drill boils down to just throwing practice or 1v1s and the only variation comes from scrimmages (which means approximately half of the practice is wasted since I want half the practice to be for building mechanical skills)
- Question #8: Do you think you would benefit from an app that had a collection of all kinds of drills? Yes
- Question #9: Please elaborate on your answer to question 8.  
It would allow me to give it to my captains and allow them to run drills. It would also add in additional variety that is much needed.
- Question #10: Do you think you would benefit from an app that would allow you to schedule drills at specific times during practice? Yes
- Question #11: Please elaborate on your answer to question 10.  
It would make sure that I dont accidentally allow a drill to go on too long. (I.e spend 15 min on shooting, 10 on cutting, ect)
- Question #12: If there was an app for quidditch coaches, what are some functions/features that you would want within that app?  
Diagrams of the overhead view of what the drill is. Organization of drills by position. Organization of drills by minimum number of players. Ability for players to text/message in their attendance at practice. Automatic timers for water breaks/drill switches. Ability to keep track of specific lines of players (for substitution purposes). Ability to favorite some drills. Ability to organize a "play list" of drills. Ability to mass message players if practice is canceled or moved.
- Question #13: Do you have any other suggests or ideas for a quidditch coaching app? None

## Survey #14

- Question #1: How many years of experience do you have as a quidditch coach? 5
- Question #2: What's the smallest number of players you have run a practice with? 6
- Question #3: What's the largest number of players you have run a practice with? 30
- Question #4: Have you ever felt like you were unprepared to run a practice when you arrived? No
- Question #5: If the answer was yes or somewhat for question 4, can you elaborate more on that?
- Question #6: Do you currently feel like you have an adequate list of drills for all quidditch fundamentals and positions? Yes
- Question #7: If the answer was no or somewhat for question 6, can you elaborate more on that?
- Question #8: Do you think you would benefit from an app that had a collection of all kinds of drills? Yes
- Question #9: Please elaborate on your answer to question 8.  
It would definitely be a nice way to stay organized.
- Question #10: Do you think you would benefit from an app that would allow you to schedule drills at specific times during practice? Yes
- Question #11: Please elaborate on your answer to question 10.  
Again, it would be a good tool for staying organized and planning practices.
- Question #12: If there was an app for quidditch coaches, what are some functions/features that you would want within that app?  
Maybe suggestions on what drills to run from your list based on personnel expected at a practice, maybe... and maybe a section for notes on certain players to help keep track of progress, and things like that
- Question #13: Do you have any other suggests or ideas for a quidditch coaching app?  
Some way to keep track of which offenses and defenses you run, so that you can share strategy discussions with team members - although that seems like it would be pretty tricky.

## Survey #15

- Question #1: How many years of experience do you have as a quidditch coach? 6
- Question #2: What's the smallest number of players you have run a practice with? 2
- Question #3: What's the largest number of players you have run a practice with? 30
- Question #4: Have you ever felt like you were unprepared to run a practice when you arrived? Yes
- Question #5: If the answer was yes or somewhat for question 4, can you elaborate more on that?
- Question #6: Do you currently feel like you have an adequate list of drills for all quidditch fundamentals and positions? Yes
- Question #7: If the answer was no or somewhat for question 6, can you elaborate more on that?  
Not knowing every position fully. I'm a quaffle player and beater drills that don't include chasers is a problem.
- Question #8: Do you think you would benefit from an app that had a collection of all kinds of drills? Yes
- Question #9: Please elaborate on your answer to question 8.  
Not having drills planned out is one of the biggest reasons I may feel unprepared for practice.  
Having a list of drills at my fingertips that i can see what the benefits would be to help me choose which ones to run would make life eaiser.
- Question #10: Do you think you would benefit from an app that would allow you to schedule drills at specific times during practice? Yes
- Question #11: Please elaborate on your answer to question 10.  
Having an idea of how long each drill should take would benefit everyone.
- Question #12: If there was an app for quidditch coaches, what are some functions/features that you would want within that app?  
Drills, Scheduling, roster, attendance, record, link to USQ site.
- Question #13: Do you have any other suggests or ideas for a quidditch coaching app?  
Make one for all the USQ info to be easily seen. Their website is ubpar at very best.



## Survey #16

- Question #1: How many years of experience do you have as a quidditch coach? 3
- Question #2: What's the smallest number of players you have run a practice with? 5
- Question #3: What's the largest number of players you have run a practice with? 60
- Question #4: Have you ever felt like you were unprepared to run a practice when you arrived? Yes
- Question #5: If the answer was yes or somewhat for question 4, can you elaborate more on that?  
It has happened multiple times where either I have not had time to prepare, or the numbers/fitness levels/position distribution has not been clear before arrival at training. Occurs between 5%-20% of the time depending what time of the year it is, and what team I am coaching.
- Often lack of certainty is about which drills to choose to keep people interested that are number and position appropriate.
- Question #6: Do you currently feel like you have an adequate list of drills for all quidditch fundamentals and positions? Somewhat
- Question #7: If the answer was no or somewhat for question 6, can you elaborate more on that?  
You can always have more drills. I tend to be fine with combined and chaser drills, though would like more seeker drills and beater drills that don't bore chasers.
- Question #8: Do you think you would benefit from an app that had a collection of all kinds of drills? Somewhat
- Question #9: Please elaborate on your answer to question 8.  
I'm not particularly tech savvy and it is usually quite difficult to explain drills without face-to-face interactions.
- Question #10: Do you think you would benefit from an app that would allow you to schedule drills at specific times during practice? No
- Question #11: Please elaborate on your answer to question 10.  
I prefer pen and paper so I can move around drills with ease and alter drill length to suit the changing situations.
- Question #12: If there was an app for quidditch coaches, what are some functions/features that you would want within that app?  
Either gifs or diagrams explaining drills.
- Question #13: Do you have any other suggestions or ideas for a quidditch coaching app? None

## Survey #17

- Question #1: How many years of experience do you have as a quidditch coach? 1
- Question #2: What's the smallest number of players you have run a practice with? 5
- Question #3: What's the largest number of players you have run a practice with? 25
- Question #4: Have you ever felt like you were unprepared to run a practice when you arrived? Yes
- Question #5: If the answer was yes or somewhat for question 4, can you elaborate more on that?  
When small practices took place and o didn't sit down for planning before.
- Question #6: Do you currently feel like you have an adequate list of drills for all quidditch fundamentals and positions? Yes
- Question #7: If the answer was no or somewhat for question 6, can you elaborate more on that?
- Question #8: Do you think you would benefit from an app that had a collection of all kinds of drills? Yes
- Question #9: Please elaborate on your answer to question 8.  
It would be convenient to have it all in one place or properly structured.
- Question #10: Do you think you would benefit from an app that would allow you to schedule drills at specific times during practice? Somewhat
- Question #11: Please elaborate on your answer to question 10.  
Generally it helps with scheduling but needs to allow flexibility.
- Question #12: If there was an app for quidditch coaches, what are some functions/features that you would want within that app?  
Finding drills based on aims/topics of training. Recommended duration of drills. Automatic schedule of training.
- Question #13: Do you have any other suggests or ideas for a quidditch coaching app? None

## Survey #18

- Question #1: How many years of experience do you have as a quidditch coach? 1
- Question #2: What's the smallest number of players you have run a practice with? 5
- Question #3: What's the largest number of players you have run a practice with? 30
- Question #4: Have you ever felt like you were unprepared to run a practice when you arrived? Yes
- Question #5: If the answer was yes or somewhat for question 4, can you elaborate more on that?  
I wasn't sure what drills to run because players were complaining of running the same drills.
- Question #6: Do you currently feel like you have an adequate list of drills for all quidditch fundamentals and positions? Yes
- Question #7: If the answer was no or somewhat for question 6, can you elaborate more on that?
- Question #8: Do you think you would benefit from an app that had a collection of all kinds of drills? Yes
- Question #9: Please elaborate on your answer to question 8.  
I'm using drills from former coaches at my school so having access to other drills from other schools or programs would help to expand the drill collection.
- Question #10: Do you think you would benefit from an app that would allow you to schedule drills at specific times during practice? Yes
- Question #11: Please elaborate on your answer to question 10.  
It would definitely help keep us on time and let people know what we are going to do.
- Question #12: If there was an app for quidditch coaches, what are some functions/features that you would want within that app?  
List of drills by position as well as well as a list of drills for a team to run.
- Question #13: Do you have any other suggests or ideas for a quidditch coaching app? None



## Survey #19

- Question #1: How many years of experience do you have as a quidditch coach? 2.5
- Question #2: What's the smallest number of players you have run a practice with? 4
- Question #3: What's the largest number of players you have run a practice with? 23
- Question #4: Have you ever felt like you were unprepared to run a practice when you arrived? No
- Question #5: If the answer was yes or somewhat for question 4, can you elaborate more on that?
- Question #6: Do you currently feel like you have an adequate list of drills for all quidditch fundamentals and positions? Yes
- Question #7: If the answer was no or somewhat for question 6, can you elaborate more on that?
- Question #8: Do you think you would benefit from an app that had a collection of all kinds of drills? Yes
- Question #9: Please elaborate on your answer to question 8.  
It's always helpful to have something where all information is kept together. I would expect to have drills from around the world inside that app.
- Question #10: Do you think you would benefit from an app that would allow you to schedule drills at specific times during practice? No
- Question #11: Please elaborate on your answer to question 10.  
I don't understand the question.
- Question #12: If there was an app for quidditch coaches, what are some functions/features that you would want within that app?  
The possibility to draw drills on a quidditch pitch and save it. Possibility to save the attendance of people. Timetables.
- Question #13: Do you have any other suggests or ideas for a quidditch coaching app? None

## Survey #20

- Question #1: How many years of experience do you have as a quidditch coach?  
4
- Question #2: What's the smallest number of players you have run a practice with?  
4
- Question #3: What's the largest number of players you have run a practice with?  
240
- Question #4: Have you ever felt like you were unprepared to run a practice when you arrived?  
No
- Question #5: If the answer was yes or somewhat for question 4, can you elaborate more on that?
- Question #6: Do you currently feel like you have an adequate list of drills for all quidditch fundamentals and positions?  
Yes
- Question #7: If the answer was no or somewhat for question 6, can you elaborate more on that?
- Question #8: Do you think you would benefit from an app that had a collection of all kinds of drills?  
Yes
- Question #9: Please elaborate on your answer to question 8.  
Having a catalog helps switch up drills and look at newer/better options.
- Question #10: Do you think you would benefit from an app that would allow you to schedule drills at specific times during practice?  
No
- Question #11: Please elaborate on your answer to question 10.  
Better handled manually.
- Question #12: If there was an app for quidditch coaches, what are some functions/features that you would want within that app?  
Ability to rate critique and update.
- Question #13: Do you have any other suggests or ideas for a quidditch coaching app?  
None

## Survey #21

- Question #1: How many years of experience do you have as a quidditch coach? 1
- Question #2: What's the smallest number of players you have run a practice with? 3
- Question #3: What's the largest number of players you have run a practice with? 200
- Question #4: Have you ever felt like you were unprepared to run a practice when you arrived? Yes
- Question #5: If the answer was yes or somewhat for question 4, can you elaborate more on that?  
Most of the time it has had to do with the number of players showing up. We recently had a beginner's practice where 200 people showed up, and today we were 5.
- Question #6: Do you currently feel like you have an adequate list of drills for all quidditch fundamentals and positions? Yes
- Question #7: If the answer was no or somewhat for question 6, can you elaborate more on that?
- Question #8: Do you think you would benefit from an app that had a collection of all kinds of drills? Yes
- Question #9: Please elaborate on your answer to question 8.  
Being able to quickly look things up would be great.
- Question #10: Do you think you would benefit from an app that would allow you to schedule drills at specific times during practice? Yes
- Question #11: Please elaborate on your answer to question 10.  
Sure, it could add more structure to the practice.
- Question #12: If there was an app for quidditch coaches, what are some functions/features that you would want within that app?  
Some kind of roster-making function would be great!
- Question #13: Do you have any other suggests or ideas for a quidditch coaching app? None

## Survey #22

- Question #1: How many years of experience do you have as a quidditch coach? 3
- Question #2: What's the smallest number of players you have run a practice with? 8
- Question #3: What's the largest number of players you have run a practice with? 70
- Question #4: Have you ever felt like you were unprepared to run a practice when you arrived? No
- Question #5: If the answer was yes or somewhat for question 4, can you elaborate more on that?
- Question #6: Do you currently feel like you have an adequate list of drills for all quidditch fundamentals and positions? Yes
- Question #7: If the answer was no or somewhat for question 6, can you elaborate more on that?
- Question #8: Do you think you would benefit from an app that had a collection of all kinds of drills? Yes
- Question #9: Please elaborate on your answer to question 8.  
I'm always looking for new ways to teach, improve, polish, and maintain the skills of my athletes. Repeating drills is good for development, but having new drills as well keeps people interested, and never bored at/with practice.
- Question #10: Do you think you would benefit from an app that would allow you to schedule drills at specific times during practice? Yes
- Question #11: Please elaborate on your answer to question 10.  
Currently I just use google docs or sheets to plan practices. An app that could allow for specific time scheduling (along with notifications for how the time is progressing) could be very helpful!
- Question #12: If there was an app for quidditch coaches, what are some functions/features that you would want within that app?  
Clock; timer; notifications of time intervals ("10 minutes have passed while doing drill x"); drill list, sorted by position and mixed; drawing board (would be a lot more helpful on like a tablet version of the app so you can show players the X's and O's of a given drill or formation); attendance tracker that works from practice to practice so you can really track individual attendance
- Question #13: Do you have any other suggests or ideas for a quidditch coaching app? None



## Survey #23

- Question #1: How many years of experience do you have as a quidditch coach? 1
- Question #2: What's the smallest number of players you have run a practice with? 7
- Question #3: What's the largest number of players you have run a practice with? 16
- Question #4: Have you ever felt like you were unprepared to run a practice when you arrived? No
- Question #5: If the answer was yes or somewhat for question 4, can you elaborate more on that?
- Question #6: Do you currently feel like you have an adequate list of drills for all quidditch fundamentals and positions? Yes
- Question #7: If the answer was no or somewhat for question 6, can you elaborate more on that?
- Question #8: Do you think you would benefit from an app that had a collection of all kinds of drills? Yes
- Question #9: Please elaborate on your answer to question 8.  
I will benefit to prepare they trainnings and know how about more drills.
- Question #10: Do you think you would benefit from an app that would allow you to schedule drills at specific times during practice? Yes
- Question #11: Please elaborate on your answer to question 10.  
Sure, it could add more structure to the practice.
- Question #12: If there was an app for quidditch coaches, what are some functions/features that you would want within that app?  
Drills, tactics, a board of the field to draw your own tactics, and videos.
- Question #13: Do you have any other suggests or ideas for a quidditch coaching app?  
You can use the UK drills manual.

## Survey #24

- Question #1: How many years of experience do you have as a quidditch coach? 6
- Question #2: What's the smallest number of players you have run a practice with? 5
- Question #3: What's the largest number of players you have run a practice with? 35
- Question #4: Have you ever felt like you were unprepared to run a practice when you arrived? Yes
- Question #5: If the answer was yes or somewhat for question 4, can you elaborate more on that?  
Always just did things on the fly. Would do some prep for big practices, like tryouts or preregionals.
- Question #6: Do you currently feel like you have an adequate list of drills for all quidditch fundamentals and positions? Yes
- Question #7: If the answer was no or somewhat for question 6, can you elaborate more on that?
- Question #8: Do you think you would benefit from an app that had a collection of all kinds of drills? Yes
- Question #9: Please elaborate on your answer to question 8.  
Always can learn from others.
- Question #10: Do you think you would benefit from an app that would allow you to schedule drills at specific times during practice? Somewhat
- Question #11: Please elaborate on your answer to question 10.  
Could be useful for newer coaches.
- Question #12: If there was an app for quidditch coaches, what are some functions/features that you would want within that app?  
Drills by positions, printable instructions, ability to save practices (build a schedule).
- Question #13: Do you have any other suggests or ideas for a quidditch coaching app? None

## Survey #25

- Question #1: How many years of experience do you have as a quidditch coach? 0.5
- Question #2: What's the smallest number of players you have run a practice with? 2
- Question #3: What's the largest number of players you have run a practice with? 13
- Question #4: Have you ever felt like you were unprepared to run a practice when you arrived? Somewhat
- Question #5: If the answer was yes or somewhat for question 4, can you elaborate more on that?  
A couple of weeks ago. It does not happen often, since I try to prepare, but since number of players often change on the day, and our players have different abilities and play different positions, I often have to reschedule. In these cases, I am mostly in doubt about what drills to do.
- Question #6: Do you currently feel like you have an adequate list of drills for all quidditch fundamentals and positions? Somewhat
- Question #7: If the answer was no or somewhat for question 6, can you elaborate more on that?  
I have the UK drill book and the McGill seeker drill book, but some of the drills are for large groups of people (mainly the UK one). I would love to have an app where you can enter a focus, a number of persons and maybe level of experience.
- Question #8: Do you think you would benefit from an app that had a collection of all kinds of drills? Yes
- Question #9: Please elaborate on your answer to question 8.  
It would be soooo nice to have it with you on the phone for last minute changes, inspiration on the go etc.
- Question #10: Do you think you would benefit from an app that would allow you to schedule drills at specific times during practice? Yes
- Question #11: Please elaborate on your answer to question 10.  
I could plan training by scheduling drills for warm up, skills, game-like drills and cool down. Maybe I could set a specific time for each and my phone would make a sound when it is time to switch.
- Question #12: If there was an app for quidditch coaches, what are some functions/features that you would want within that app?  
Search function for different group sizes and focuses. Game function as well - score- and time keeping, snitch watch etc.
- Question #13: Do you have any other suggests or ideas for a quidditch coaching app? None

## Survey #26

Question #1: How many years of experience do you have as a quidditch coach? 1.5

Question #2: What's the smallest number of players you have run a practice with? 5

Question #3: What's the largest number of players you have run a practice with? 34

Question #4: Have you ever felt like you were unprepared to run a practice when you arrived? Somewhat

Question #5: If the answer was yes or somewhat for question 4, can you elaborate more on that?

I don't have much free time after i come home from work with all that annoying adult stuff like cleaning, washing, shopping, cooking etc. to spare for training preparation that's why sometimes i just write down the drills i want to do without completely formulating how to do it and make the details up as i set up the drill in practice and adapt here and there if somethings not going the way i thought.

Especially tackling and seeker techniques are areas where there is so much variety depending on the size, shape and ability of players that it's hard to teach them. There's not THE ONE technique that works for everybody and presenting all of them seems to overwhelm players and they can't really remember any technique in detail. It would take much time to identify which one works best for whom.

I'm confident when doing passing and warmup drills because they are pretty much straight forward. Sometimes i try to adapt a drill from another sport, which takes some time to explain and since i usually have seen the drill performed on a video its sometimes hard do get the picture from my into the players heads, sometimes ending up in canceling the plan and switching to another drill.

Question #6: Do you currently feel like you have an adequate list of drills for all quidditch fundamentals and positions? Yes

Question #7: If the answer was no or somewhat for question 6, can you elaborate more on that?

Question #8: Do you think you would benefit from an app that had a collection of all kinds of drills? Yes

Question #9: Please elaborate on your answer to question 8.

I'm trying to set up an excel sheet with ALL the drills i have gathered over the past 18 month and categorize and name them so i can filter them and use the names to make them more recognizable with players so they already know what's coming if for example i say: next up is the Titan drill or the beater shootout. I'll also include the duration for the drill to have an added up time once i select which ones i want to do

The ultimate goal would be to have a filterable drag and drop thingy where i can search and find drills by: min & max # of players for the drill, difficulty/skill-level, position benefiting from it, skills trained like (tackling, passing, getting bludger control etc), time required and then have the name, explanations and a list of required equipment in my schedule for the training. I'll include a screenshot of my current sheet (really basic, just started this week) in the comments on FB



## Survey #26 Continued

Question #10: Do you think you would benefit from an app that would allow you to schedule drills at specific times during practice?

Yes

Question #11: Please elaborate on your answer to question 10.

Since my trainings have a certain schedule it would make sense to arrange the drills in a certain order and therefore at a specific time. If you are talking about a long term planner this also makes sense since you can schedule a certain progression from easy to game situation within your mid to long term training schedule

Question #12: If there was an app for quidditch coaches, what are some functions/features that you would want within that app?

As answered in 9. It should have/feature/allow to:

- a drill library with filters,
  - possibility to select and add drills to a training plan,
  - save trainings plans in a format that can be printed out on any printer,
  - archive training plans for later reusal or editing,
  - have a way to mark favorite drills
  - rate drills (to identify good/proven drills for new teams/coaches who just started)
  - add comments to drills (ideally with an option to make the comments to a drill public so everyone can see the other coaches thoughts or variations on/to a drill)
  - Create your own drills, so an empty drill creation template with a library of symbols for players of different positions, opponents, cones, hoops, balls, line & arrow drawing, insert text (mainly numbers to order the stations of a drill), i will send a screenshot of my drill library i drew with powerpoint.
  - Share your own drills with the community and get them rated and commented on
  - have multiple people work on a shared trainings plan, eg if you are planning a big training or weekend and each coach gets a slot assigned and can fill in their drills and check what others have in their plans to not miss or double anything
- Question #13: Do you have any other suggests or ideas for a quidditch coaching app?

Sorry for overloading you with thoughts, but atm i feel overloaded by the amount of drills that is out there already and all the drills from other sports that can easily be used in quidditch as well. An app or web based programm/homepage that allows to store, organise, review, plan, share, adapt my exercises and drills would be just too awesome :)

## Survey #27

Question #1: How many years of experience do you have as a quidditch coach?

4

Question #2: What's the smallest number of players you have run a practice with?

4

Question #3: What's the largest number of players you have run a practice with?

66

Question #4: Have you ever felt like you were unprepared to run a practice when you arrived?

Yes

Question #6: Do you currently feel like you have an adequate list of drills for all quidditch fundamentals and positions?

Somewhat

Question #8: Do you think you would benefit from an app that had a collection of all kinds of drills?

Question #10: Do you think you would benefit from an app that would allow you to schedule drills at specific times during practice?

Yes

Note: Several questions of this particular survey have been removed as they were unanswered as well as to make room for the previous survey.

## Survey Summary

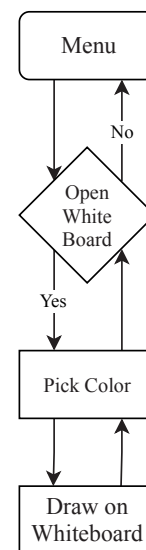
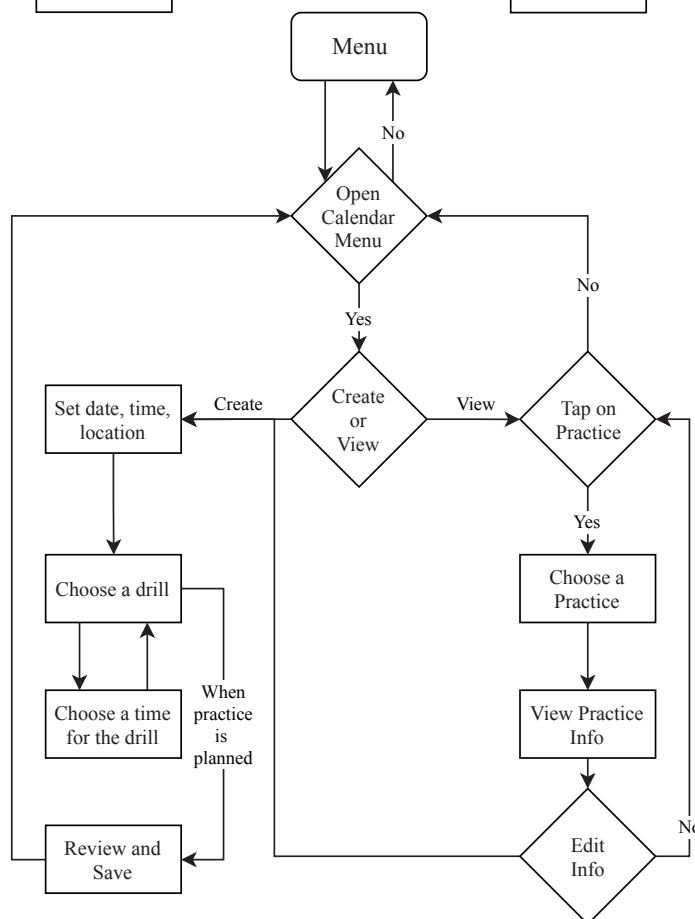
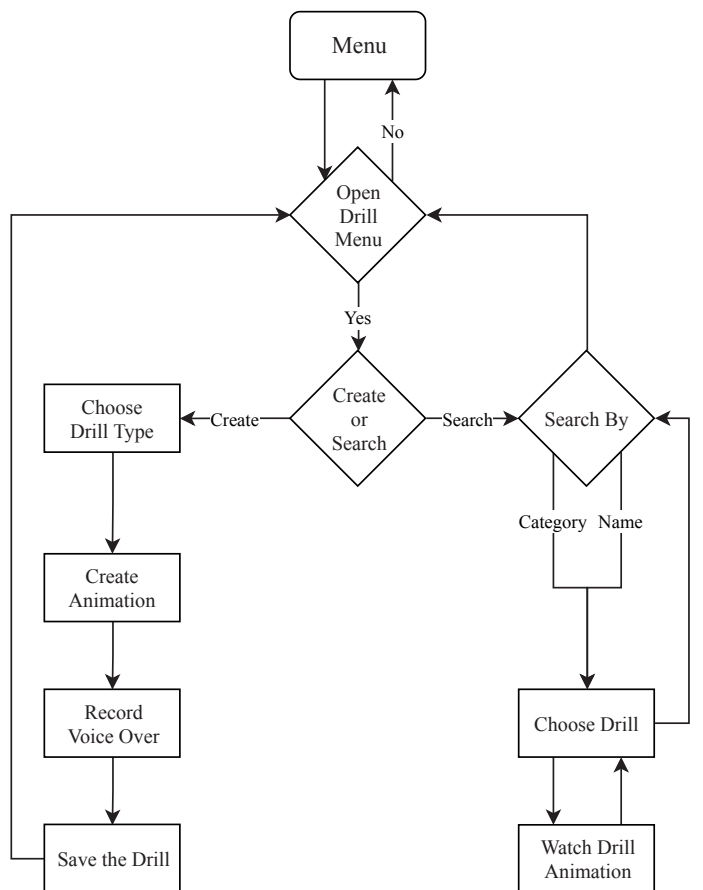
Including text boxes with my survey was a good idea, as it allowed me to collect more information about my respondents' feelings about different questions. One of the most interesting things I found is that many of the people who took the survey found that the collection of drills was more important than scheduling. However, this might be due to the fact that many of them have over two years of coaching quidditch, and so they have a better idea of how to plan out the practices.

Many of the people I surveyed also commented that they would want the ability to create and share their own drills. This is an interesting idea, and one I admittedly did not think of before the survey. My main concern with this feature would be controlling quality, but I feel that it could benefit the users and the developers as well.

The last thing of note is the amount of interest from some of the people who filled out the surveys. On the Facebook post where I posted the survey, many people took an interest in the app within the comments, and some even pointed to a few existing web apps that are available that do something similar.



## Phase 1 - Section 7: User Flow







# Phase 1 - Section 8: Information Architecture

▼

Animation/Voiceovers for drills

✕

Fundamental Drills

Quaffle Drills

Beater Drills

Seeker Drills

Combined Drills

Photos of quidditch gamesA

▼

Icons for Equipment and Players need for drills

✕

Chasers

Keepers

Beaters

Seekers

Snitch Runners

Quaffles

Bludgers

Snitches

Hoops

Cones

Pennes

Photos of quidditch gamesB

▼

Calendar

✕

Practices

Location

Date

Time

Drills during that practice

Photos of quidditch gamesC

▼

Whiteboard

✕

Black

Red

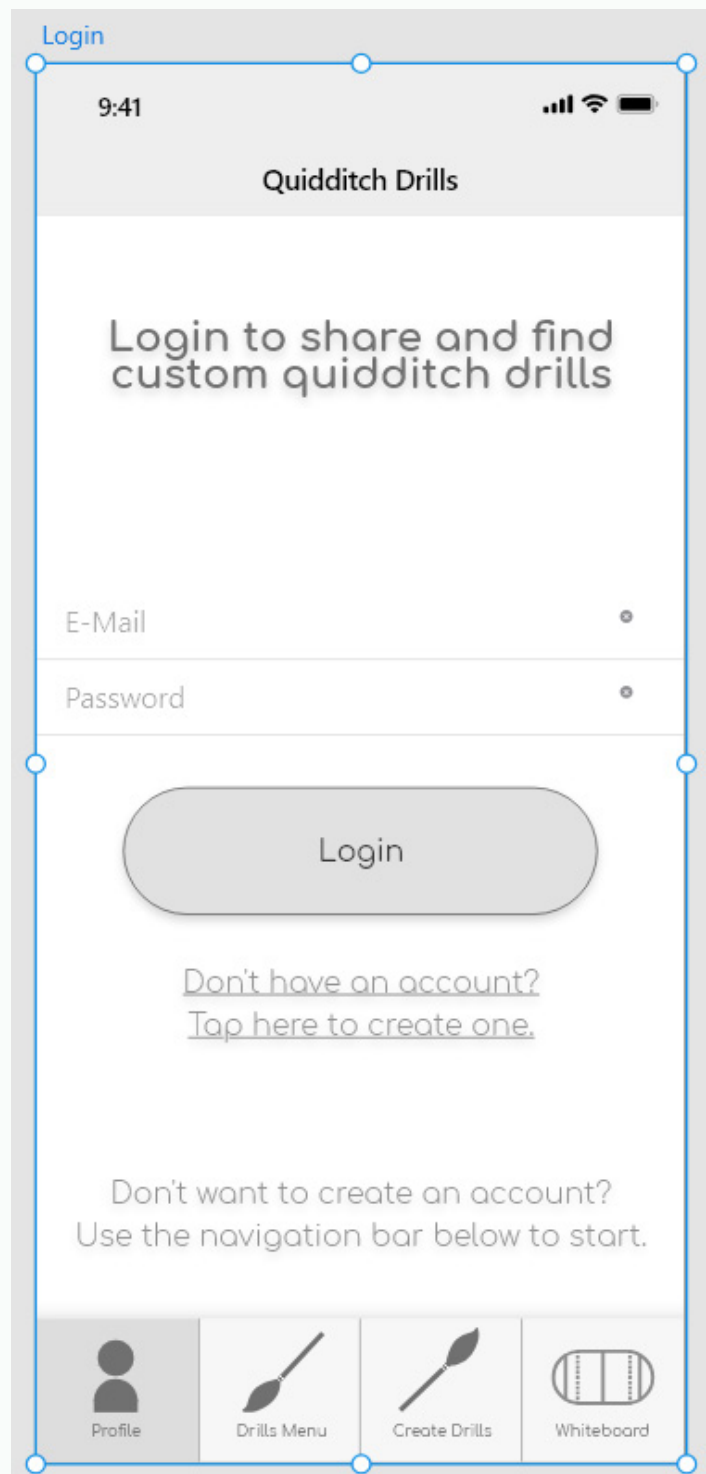
Green

Blue

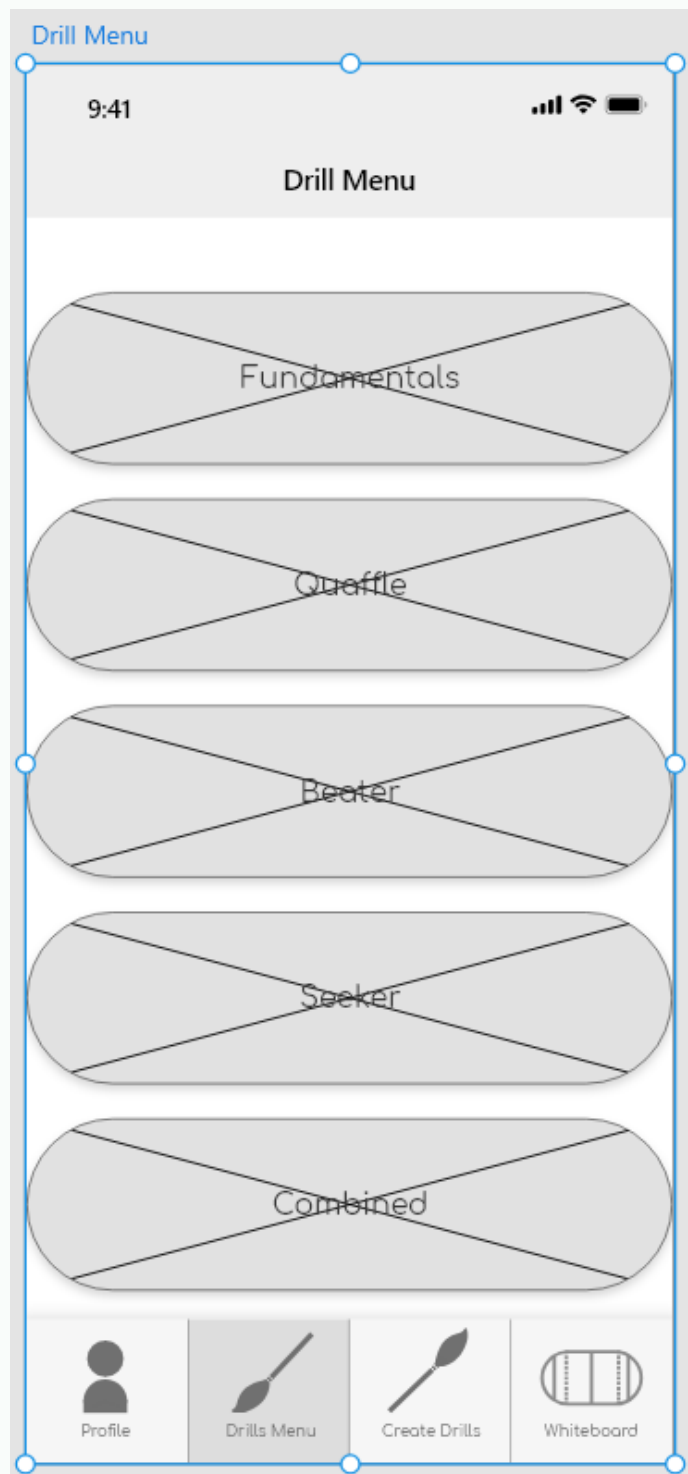
Photos of quidditch gamesD



Phase 2 - Section 1:  
Low - Fidelity Prototype











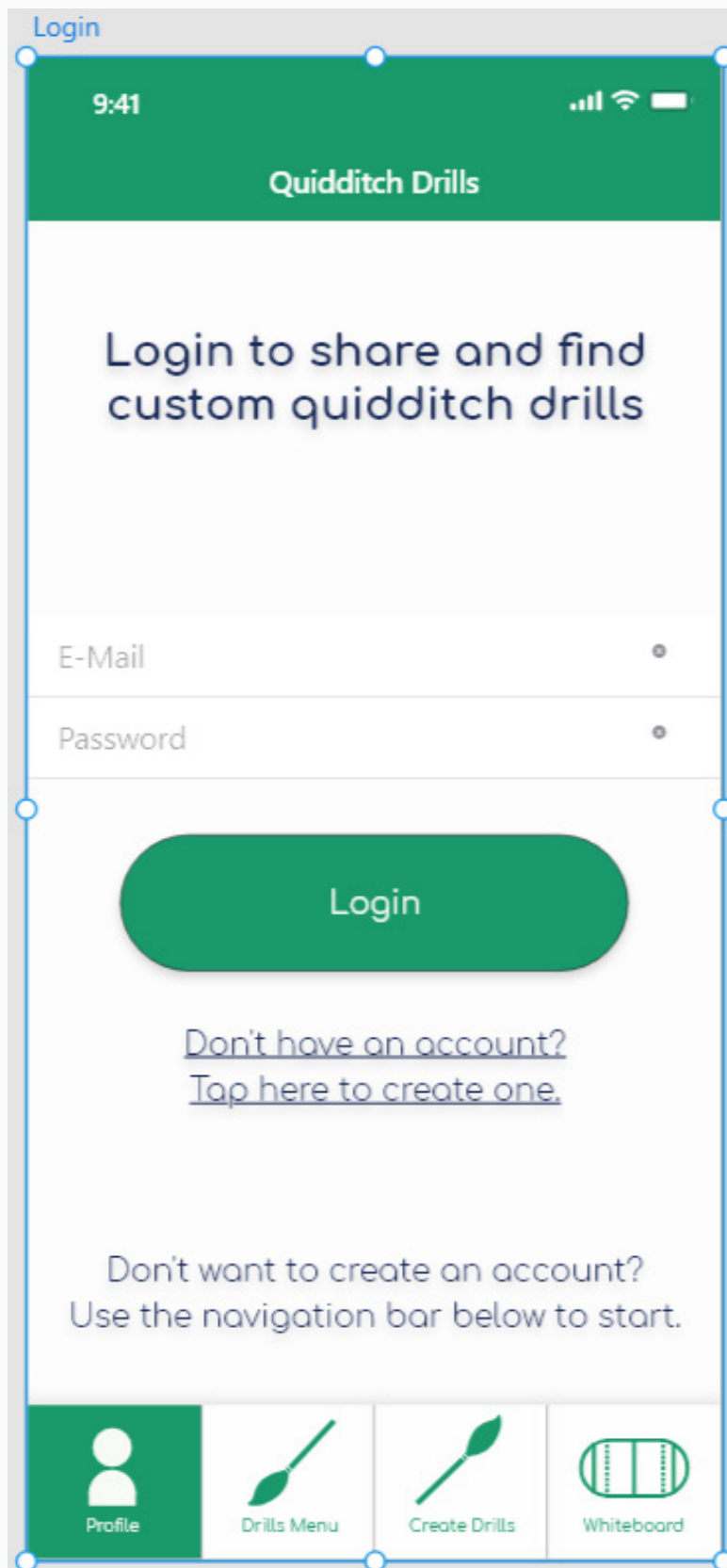
## Phase 2 - Section 2: User - Test Questions

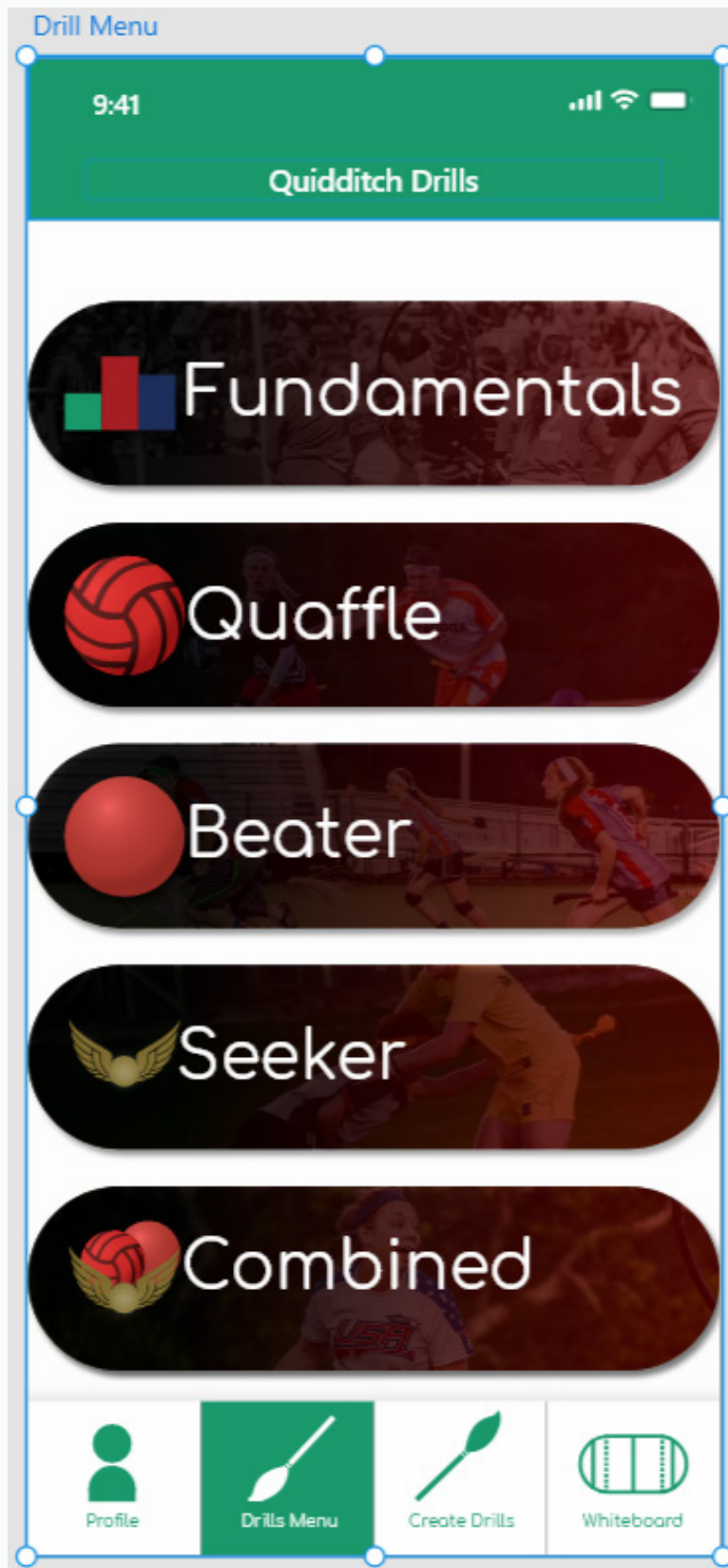
1. What screens did you find clear? Why?
2. What screens did you find unclear? Why?
3. What functionality did you think was lacking?
4. What functionality did you think was unnecessary?
5. Do you have any other comments about the prototype?

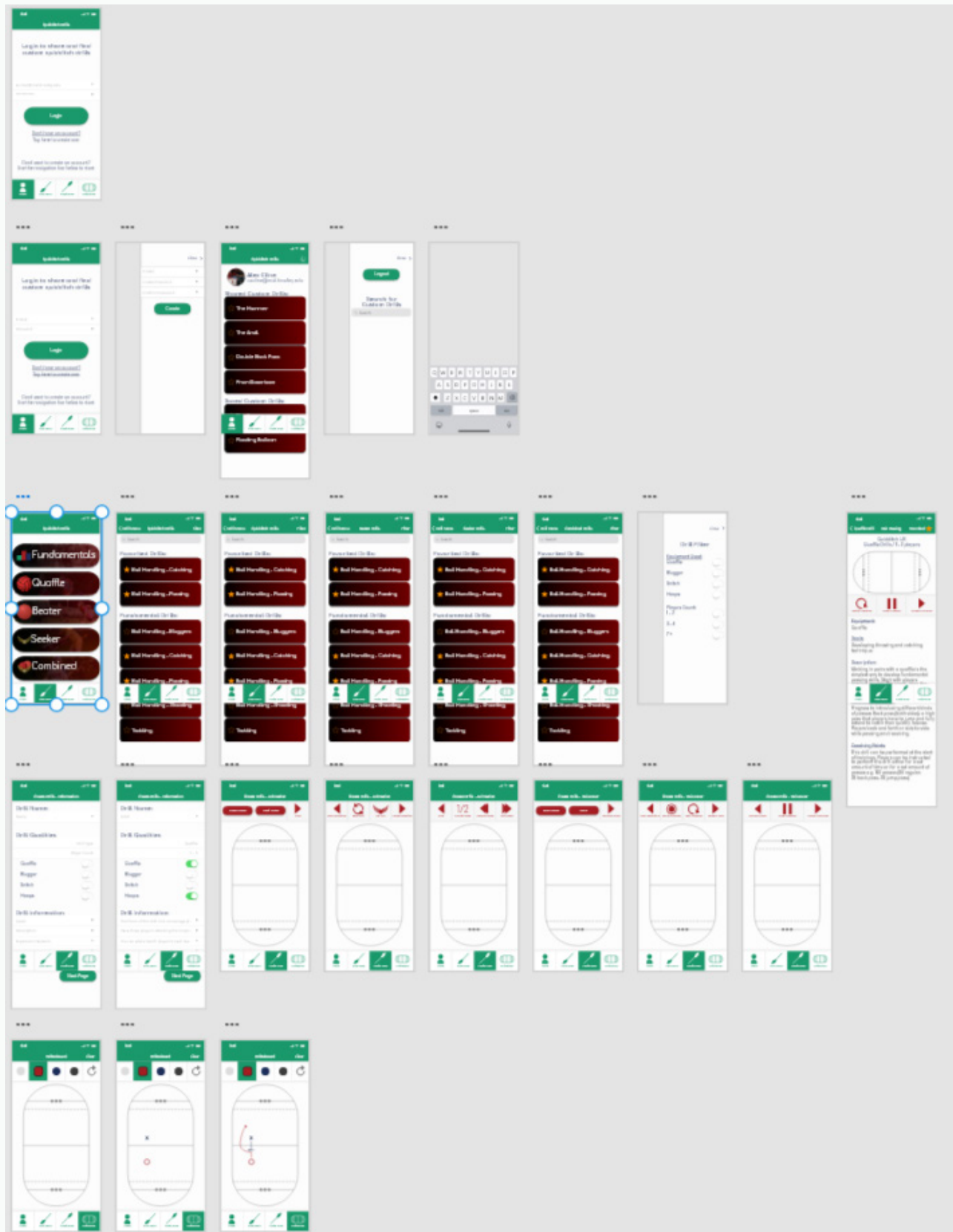


Phase 3 - Section 1:  
High - Fidelity Prototype











## Phase 3 - Section 2: User - Test Results Analysis

## Test 1

Task	Passed	Failed	Proctored	Notes
Create an account.	X			
Get to a drill page.	X			
Create a drill.	X			
Draw on whiteboard	X			
Logout	X			

## Test 2

Task	Passed	Failed	Proctored	Notes
Create an account.			X	Further explanations of prototype limitations needed.
Get to a drill page.	X			
Create a drill.	X			
Draw on whiteboard	X			
Logout	X			

## Test 3

Task	Passed	Failed	Proctored	Notes
Create an account.	X			
Get to a drill page.	X			
Create a drill.			X	They were confused by top navigation bar
Draw on whiteboard	X			
Logout	X			



## Test 4

Task	Passed	Failed	Proctored	Notes
Create an account.	X			
Get to a drill page.	X			
Create a drill.	X			
Draw on whiteboard	X			
Logout	X			

## Test 5

Task	Passed	Failed	Proctored	Notes
Create an account.	X			
Get to a drill page.	X			
Create a drill.	X			
Draw on whiteboard	X			
Logout	X			

## Analysis

The results of the user-testing seem to indicate that the app is fairly navigatible and easy to get around. The while many issues that occurred during the different tests were related the limitations of the prototype, one of the users seemed to have a bit of trouble using the top-navigation bar while trying to create a drill. Other than that, the app did not seem to have any other issues as far as navigation and usability.



# Phase 3 - Section 3: W - H Assessment

## What:

1. What is the problem you are solving for your users?  
A lack of knowledge around quidditch drills.
2. What do users want to know/learn?  
New quidditch drills.

## Who:

- 1.. How are your users affected positively by your app?  
They're able to improve their team's practices.

## Why:

1. Why is your app important to your users?  
Because some struggle with a limited number of quidditch drills.
2. Why hasn't anyone made your app yet?  
Because no one has bothered to address this niche market.

## Where:

1. Where does the user use the app?  
Anywhere, but many at practice.

## When:

1. When does it begin?  
Whenever they open the app.
2. When are results given to users?  
They will gain a greater knowledge of quidditch drills.

## How:

1. What is the opportunity?  
The ability to improve the quality of quidditch practices.
2. What has been done already to solve your user's problem?  
A pdf online.
3. How was your user's problem solved before?  
Finding them on the internet, making their own.