Screen Sketches

SoccerNexus

Team JK-225

By: Jack Doe, Bilal Hodzic, Tristan Sayasit, Nathan Turnis

Actors

1. Players
    a. Majority of users
    b. Can view teams, join teams, create a team
    c. Can search for players and request a coach invite a player to the team
    d. View pick-up matches and tournaments
2. Coaches
    a. Players will become a coach of the team they create
    b. Can invite players to a team
    c. Can edit team details and set up pick-up matches/tournaments
3. Application Administrators
    a. Ensures no inappropriate teams/players
    b. Need tools to be able to delete teams and ban players
    c. Responsible for making sure the app is running smoothly

Non-Functional Requirements

- The user should not have to wait more than .75s for the UI to respond. If waiting for data, the app should display a loading image.
- Database needs to be able to support a decent number of users, teams, tournaments, and pick-up matches.
- The user should not have to traverse through multiple screens to get where they want.
- The UI needs to be readable and responsive. Have animations so the user is constantly getting feedback on what they're doing.
- Needs to work on Android devices.

Tables and Fields

Tables and fields
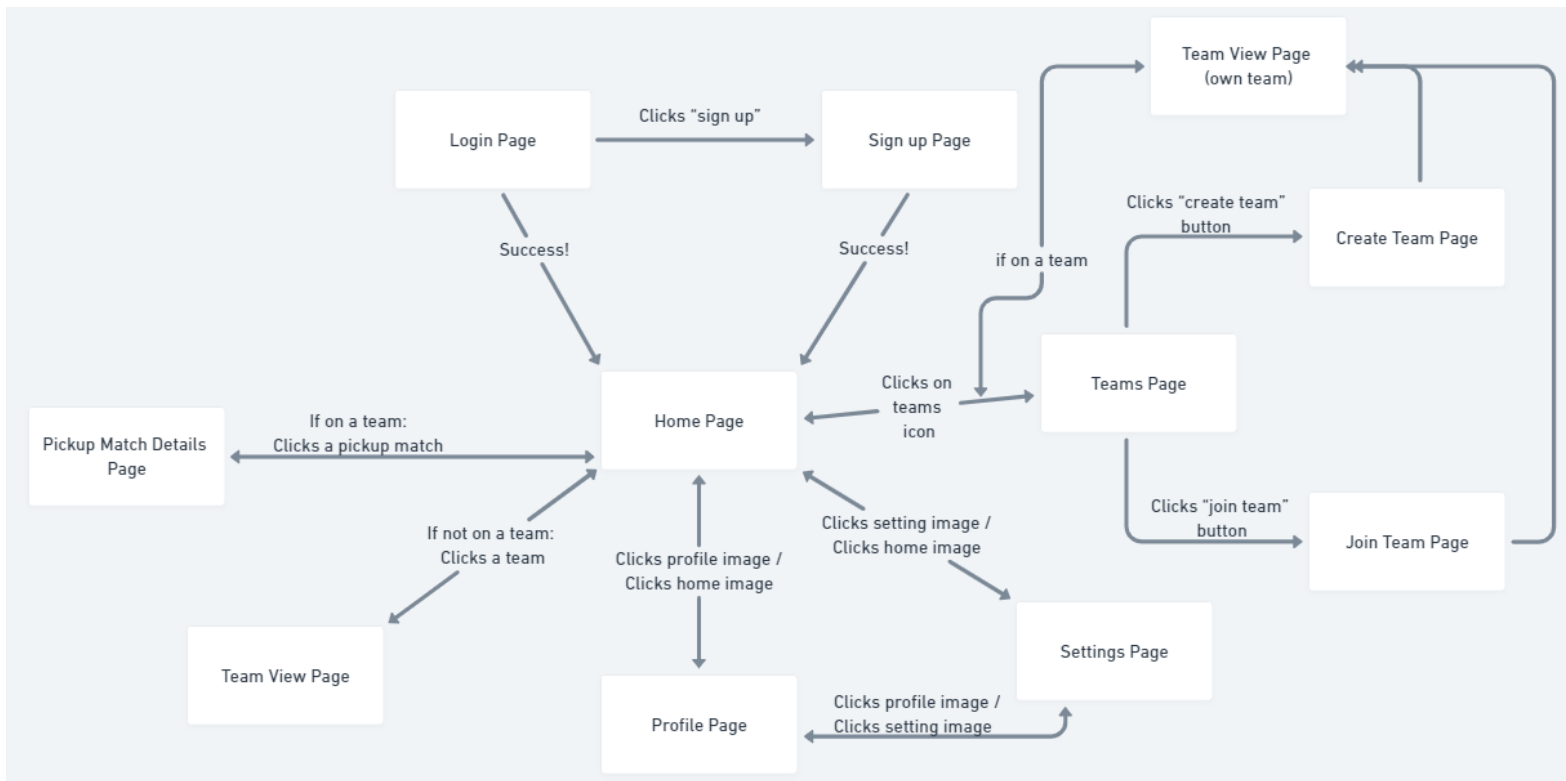- Players
    - Player_id
    - Username
    - Email
    - Password
    - First Name
    - Last Name
    - Height
    - Weight
    - Skill level
    - Goals
    - Yellow cards
    - Red cards
    - Games played
- Teams
    - Team id
    - Games played
    - Team name
    - Team description
    - Tournement wins
    - League wins
- Tournaments
    - Tournament Id
    - Tournament Name
    - Tournament prize
- Messages
    - Sending_player_id
    - Receiving_player_id
    - MEssage test
- Invites
    - Invite_id
    - Inviting_team_id
    - Receiving_player_id
- Tournament_games
    - Tournament_id
    - Game_id

- Team_members
    - Team_id
    - Player_id
- Player_friends
    - Player_id_1
    - Player_id_2
- Games
    - Game_id
    - Team1_id
    - Team2_id
    - Game DateTime

Realtionships

- One player is the coach of a team. A team may only have one coach
- A team has many players. Many players can be a part of many different teams
- Teams can be in many games
- Players can send many messages to many players
- Teams can send many invites to many players
- Tournemants have many games
- Players can have and be friends with many other players

Screen Flow Diagram

Login Page

Clicks "sign up" → Sign up Page

Success! → Home Page

Success! → Home Page

Team View Page (own team)

Clicks "create team" button → Create Team Page

if on a team

Clicks on teams icon → Teams Page

Clicks "join team" button → Join Team Page

Pickup Match Details Page

If on a team: Clicks a pickup match → Home Page

If not on a team: Clicks a team → Team View Page

Clicks profile image / Clicks home image → Profile Page

Clicks setting image / Clicks home image → Settings Page

Clicks profile image / Clicks setting image → Profile Page / Settings Page

Home Screen Page (Nathan Turnis)

1. To team view:
   If not on a team, show create/join team, if on a team, show team

2. If user is not on a team, show teams to join

3. If user is on a team, show pickup matches

Home

Team Name
Team Description

Team Name
Team Description

Team Name
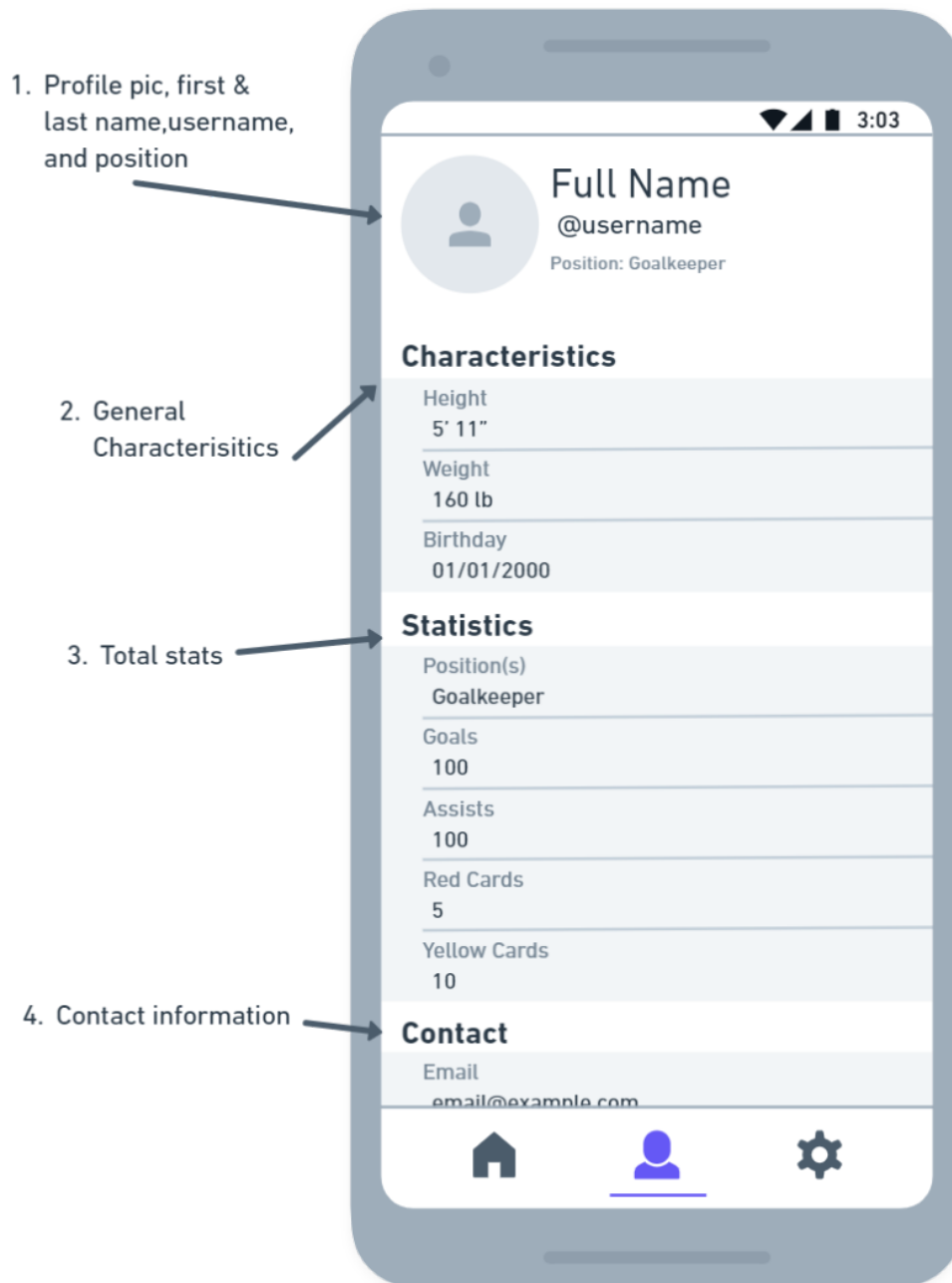Team Description

Pickup Match
Date, time, location

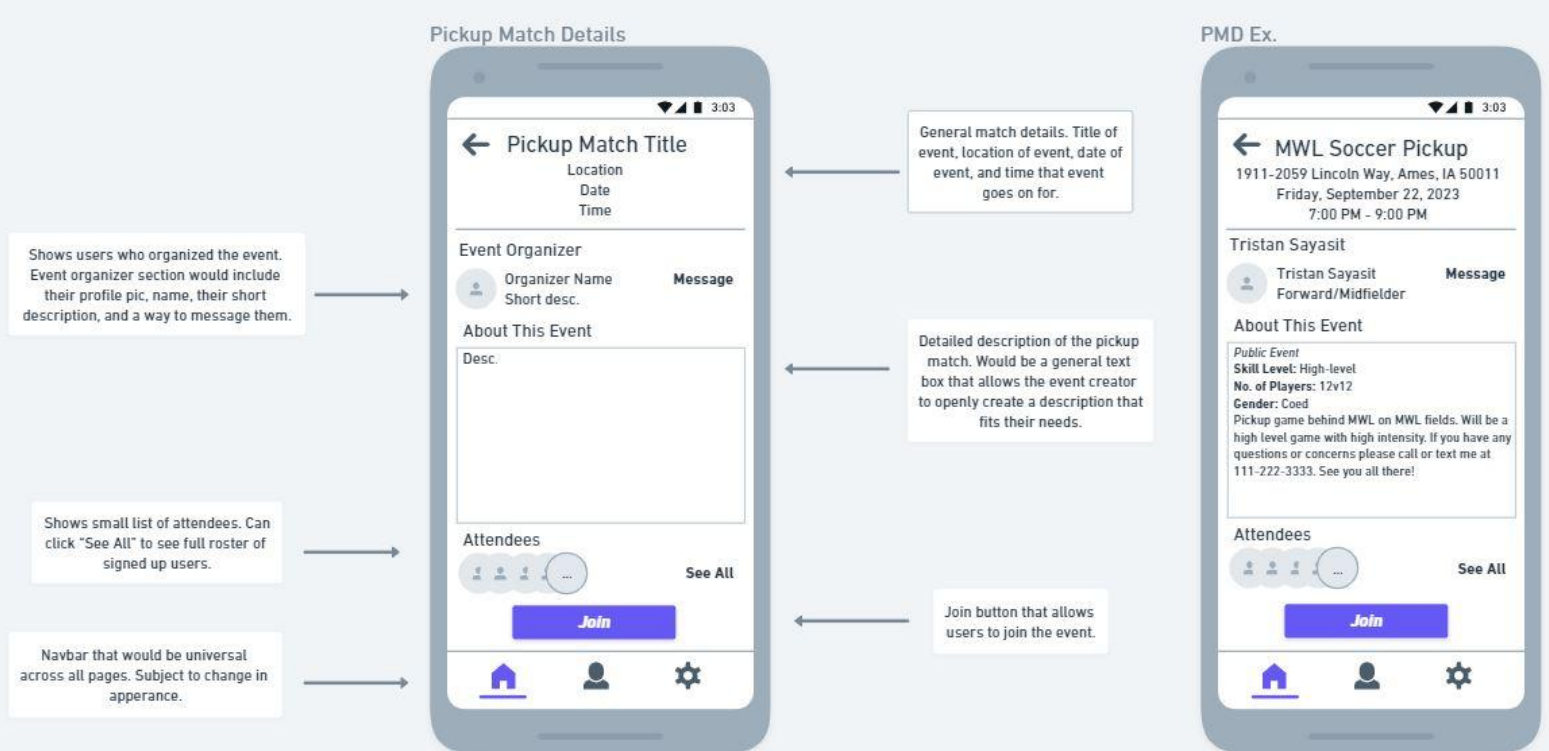Pickup Match
Date, time, location

This is the home screen. This screen displays after login. In the top right, 1. a button that will take the user to a team view page, if they are on a team. If they are not on a team, there will be a join team button and a create team button. 2. If the user is not a team, the page will display available teams to join. 3. If a user is on a team, the home page will show pickup matches. This homepage design may change as needed.

Profile Page (Nathan Turnis)

1. Profile pic, first & last name, username, and position

Full Name
@username
Position: Goalkeeper

Characteristics

Height
5' 11"

Weight
160 lb

Birthday
01/01/2000

2. General Characterisitics

Statistics

Position(s)
Goalkeeper

Goals
100

Assists
100

Red Cards
5

Yellow Cards
10

3. Total stats

Contact

Email
email@example.com

4. Contact information

This screen displays a user's profile page. An almost identical screen will be displayed when viewing your own profile page, except an edit button will appear. The user can see 1) a picture of the person, their full name, username, and primary position. 2) General characteristics about the person including height, weight, and DOB. 3) Total lifetime stats for the player. 4) Contact information such as email and phone number (if needed, the page will be scrollable). The bottom of the page includes the navigation seen on all pages.

Pickup Match Details (Tristan Sayasit)

Pickup Match Details

Pickup Match Title
Location
Date
Time

Event Organizer

Organizer Name   Message
Short desc.

About This Event

Desc.

Attendees

See All

Join

General match details. Title of event, location of event, date of event, and time that event goes on for.

Shows users who organized the event. Event organizer section would include their profile pic, name, their short description, and a way to message them.

Detailed description of the pickup match. Would be a general text box that allows the event creator to openly create a description that fits their needs.

Shows small list of attendees. Can click "See All" to see full roster of signed up users.

Join button that allows users to join the event.

Navbar that would be universal across all pages. Subject to change in apperance.

PMD Ex.

MWL Soccer Pickup
1911-2059 Lincoln Way, Ames, IA 50011
Friday, September 22, 2023
7:00 PM – 9:00 PM

Tristan Sayasit

Tristan Sayasit   Message
Forward/Midfielder

About This Event

Public Event
Skill Level: High-level
No. of Players: 12v12
Gender: Coed
Pickup game behind MWL on MWL fields. Will be a high level game with high intensity. If you have any questions or concerns please call or text me at 111-222-3333. See you all there!

Attendees

See All

Join

This page shows the pickup match details that a user would see when they click into a specific match listed on the home screen page. At the top it would show the title, location, date, and time of the match. Below that would be the user who organized the event and a button on the right that would allow the user to contact them if wanted. The "About This Event" section would be a free text box that the creator would be able to put any information they would like to about the match they're putting together. At the very bottom of the page would be an attendees list where the user could see who exactly is going to the match. Below the attendee section would be a join button for the user to actually join the match if desired.
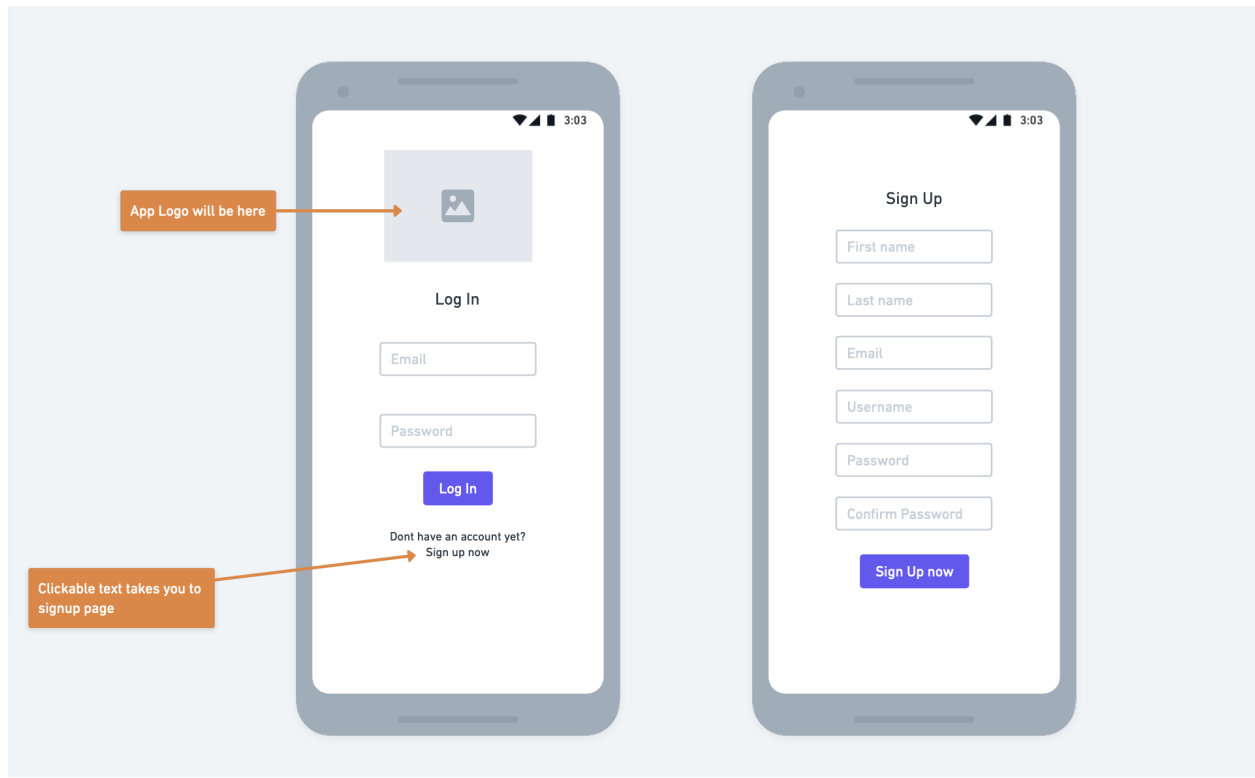
Settings (Tristan Sayasit)

This would be the general settings page for the whole app. Users can edit their personal information, player information, and app settings from here. Page would be scrollable and there would be textbox fields for every editable info field of the user. Clicking the "edit" button on the right, below any textbox, would take users to a different page that would show their old info and give them another textbox to add their new desired info into. Once they had changed their info, there would be a "Save Changes" button at the bottom of the screen that would take the user back to the general settings page and display and save their new info.

Tournament View
(Bilal Hodzic)

The tournament view will be what people see when viewing a tournament within the app. This will display the upcoming games for the current round as well as the ability to see a complete bracket

Upcoming matches for the current round of the tournament will be displayed in these boxes. These boxes will also show results of the games that have finished as well as when the game will take place and where.

This button takes users to the complete bracket view where results from other round can be viewed and an overall view of the tournament.

Tournament Name

Upcoming Matches

Team 1   Team 2

Team 3   Team 4
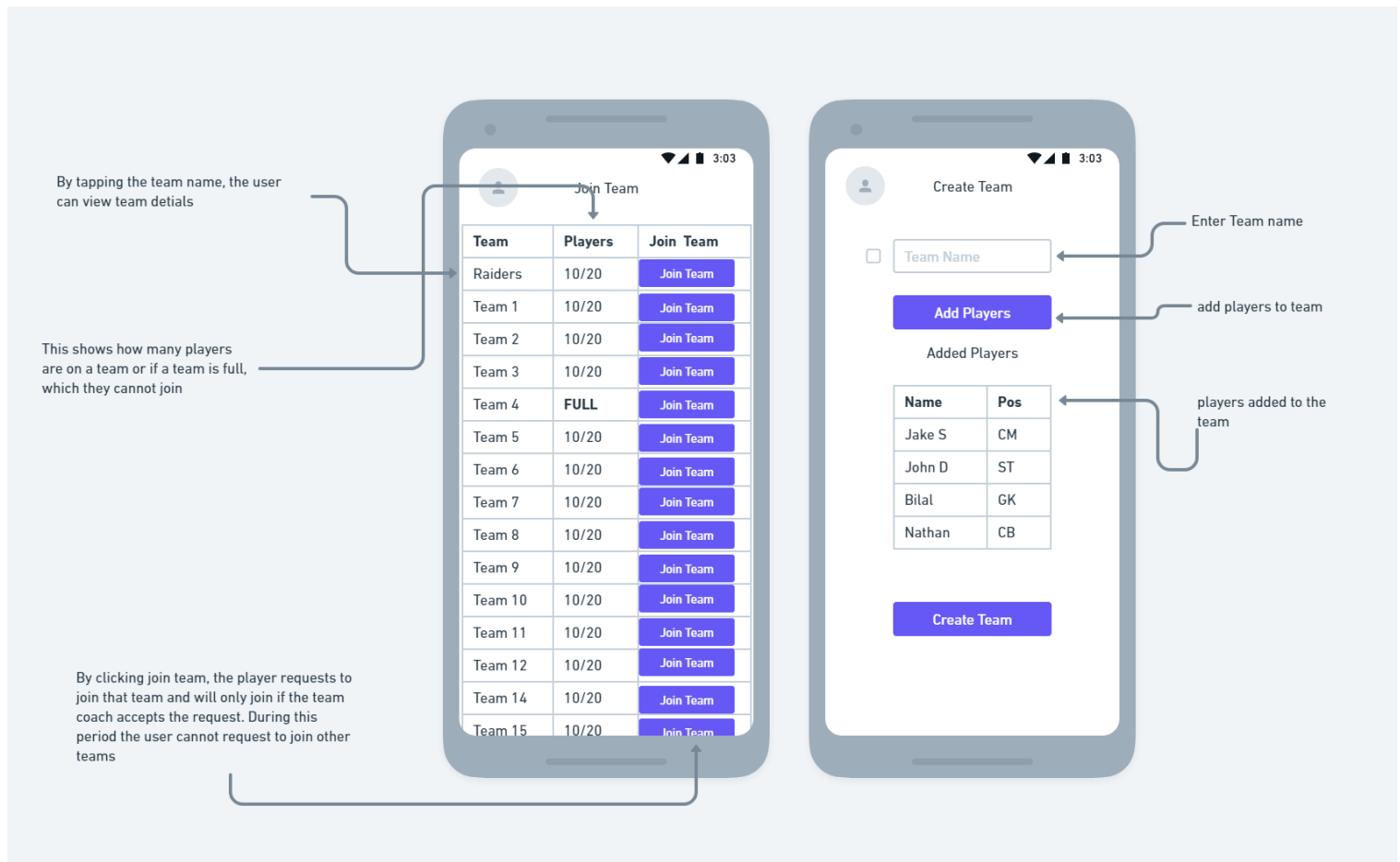
Team 5   Team 6

Team 7   Team 8

View Bracket

This screen will show the current state of a tournament that the user is either in or currently viewing just for fun. Within this screen the matches of the current round will be displayed aling with results and time information. The user will also be able to see the complete bracket with a button and will be able to select previous rounds to view the results of those matches.

Login/Signup (Bilal Hodzic)

App Logo will be here

Log In

Email

Password

Log In

Dont have an account yet?
Sign up now

Clickable text takes you to signup page

Sign Up

First name

Last name

Email

Username

Password

Confirm Password

Sign Up now

When a user first opens the app they will be greeted with the login screen. A subtext at the bottom of the page will be visible recommending to make an account if they do not yet have one. The sign up page will ask for user account information and not player information and will allows the user to signup.

Join Team/Create Team Screen (Jack Doe)

By tapping the team name, the user can view team detials

This shows how many players are on a team or if a team is full, which they cannot join

By clicking join team, the player requests to join that team and will only join if the team coach accepts the request. During this period the user cannot request to join other teams

Join Team

Team	Players	Join Team
Raiders	10/20	Join Team
Team 1	10/20	Join Team
Team 2	10/20	Join Team
Team 3	10/20	Join Team
Team 4	**FULL**	Join Team
Team 5	10/20	Join Team
Team 6	10/20	Join Team
Team 7	10/20	Join Team
Team 8	10/20	Join Team
Team 9	10/20	Join Team
Team 10	10/20	Join Team
Team 11	10/20	Join Team
Team 12	10/20	Join Team
Team 14	10/20	Join Team
Team 15	10/20	Join Team

Create Team

Enter Team name

add players to team

players added to the team

Team Name

Add Players

Added Players

Name	Pos
Jake S	CM
John D	ST
Bilal	GK
Nathan	CB

Create Team

This is the join team and create team pages. In the join team page, any user who isnt a coach can view this page and can see the team name team size and then join button. If a user clicks on the team name they can see the team details and if they press the join team button they will request to join the team which needs to be accepted by the team coach. The create team page is pretty simple and asks for a team name which needs to be filled and then an option to add players.

Team Managment Screen (Jack Doe)
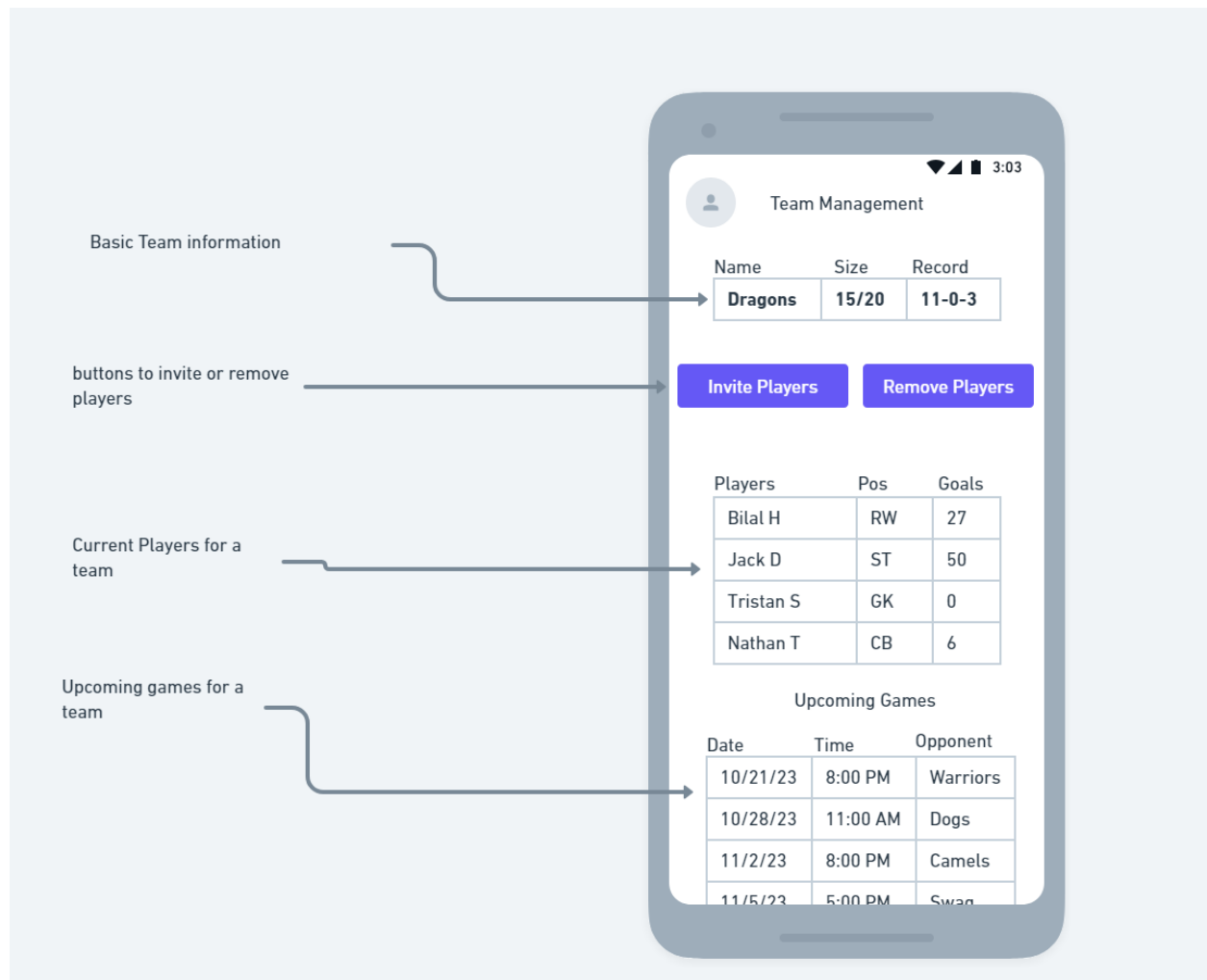
This is the team management screen that is only viewable by a coach of a team. The top is the team details such as name, size of team, and the team record. The next set of buttons allow a coach to invite new players to a team or remove players from a team. The first button must be accepted by a player, but remove player can be done just by the coach without player approval. Then there are current players, their positions, and the goals theyve scored, you can view player profile by tapping their name. Lastly are the upcoming games which shows the date and time as well as who the opponents team name. Clcicking the opponent name you can view their team details.