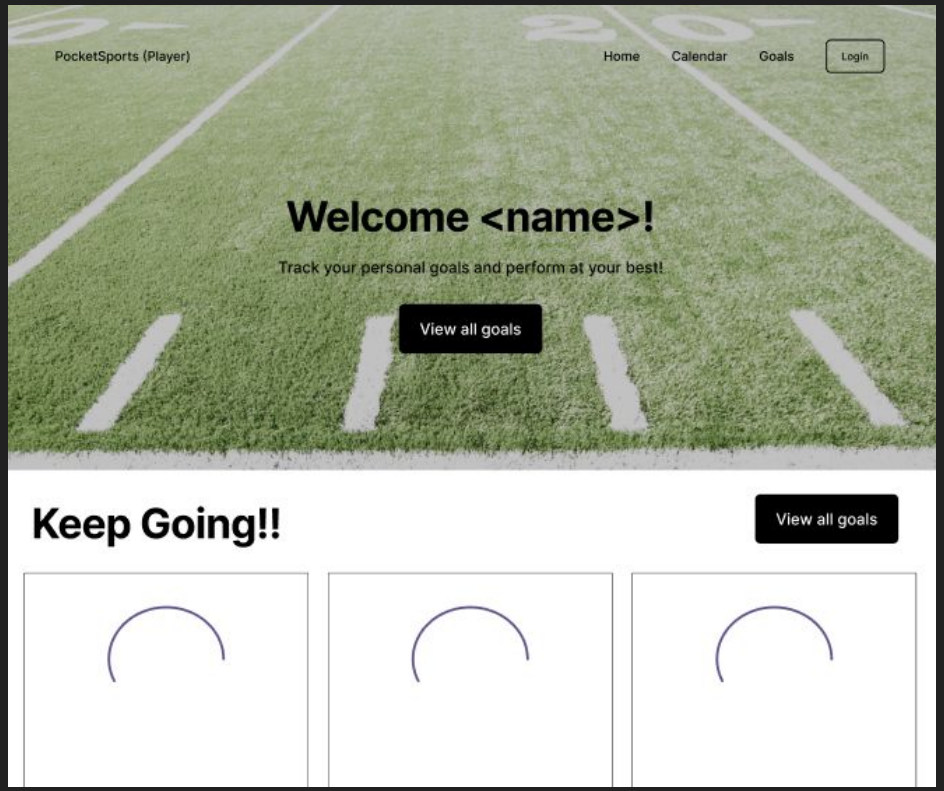
Pocket Sports

Taylor Carlson, Garrett Gmeiner, Tyler Ton, Parker Cummings

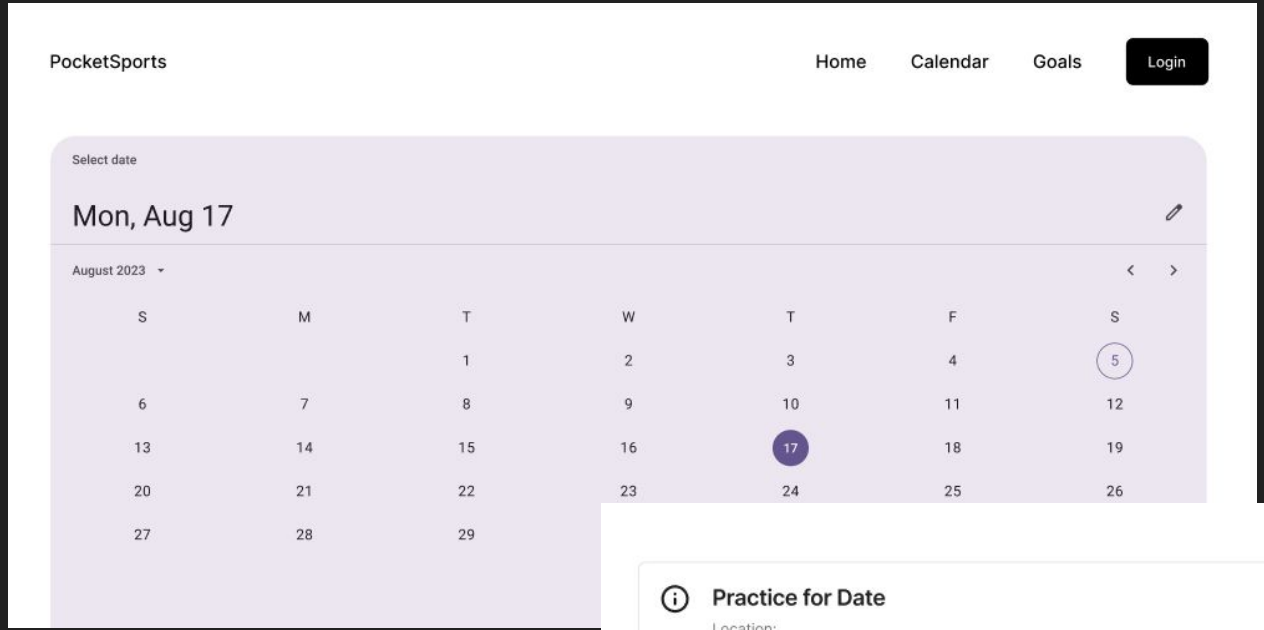
Progress of Current Milestone

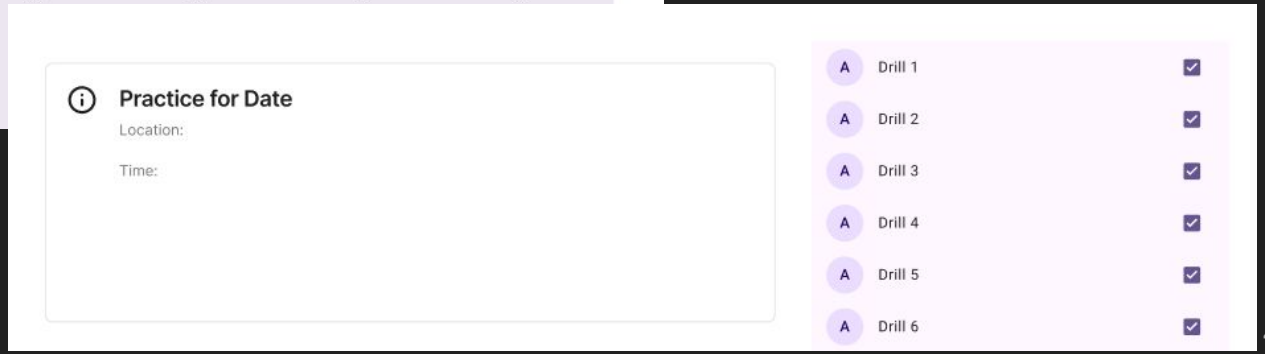
Task	Completion %	Garrett	Tyler	Taylor	Parker	To do
Create Website Wireframe	100%	0%	0%	50%	50%	None
Roadmap for web socket creation	100%	0%	100%	0%	0%	None
Create a database schema	100%	50%	50%	0%	0%	None
Test Plan	100%	25%	25%	25%	25%	
Design Plan	100%	25%	25%	25%	25%	None
Requirements Document	100%	25%	25%	25%	25%	None

Create Website Wireframe

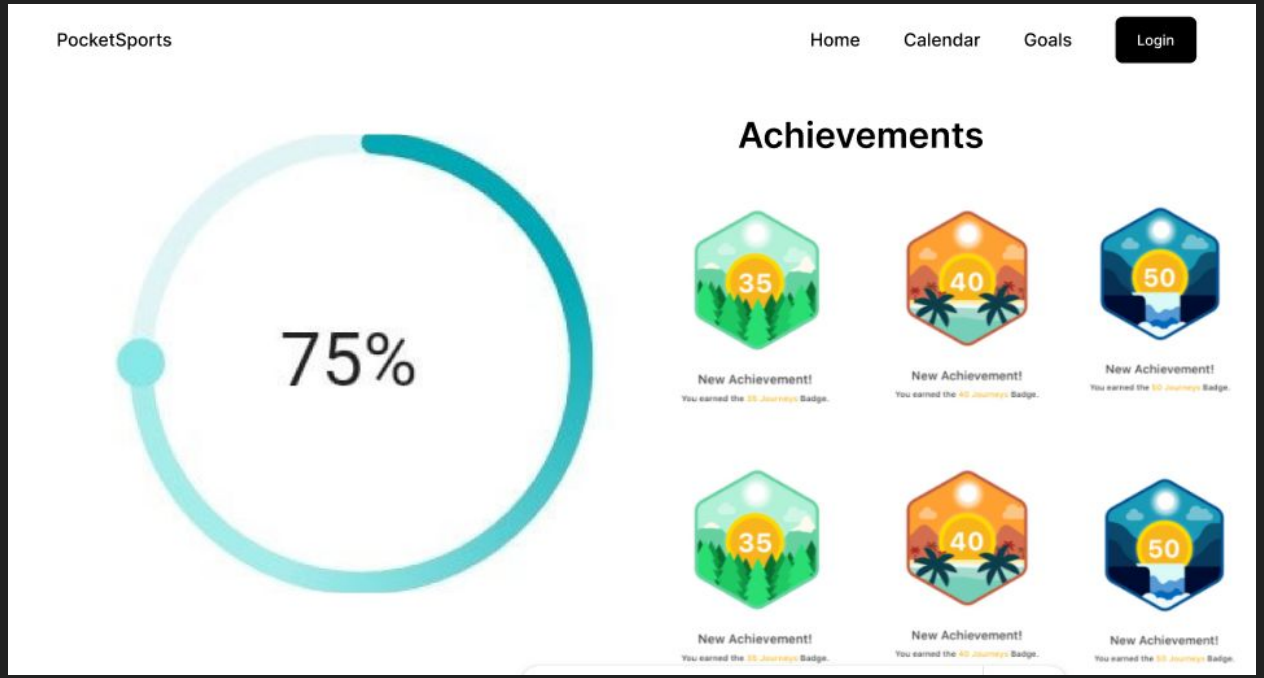


Create Website Wireframe



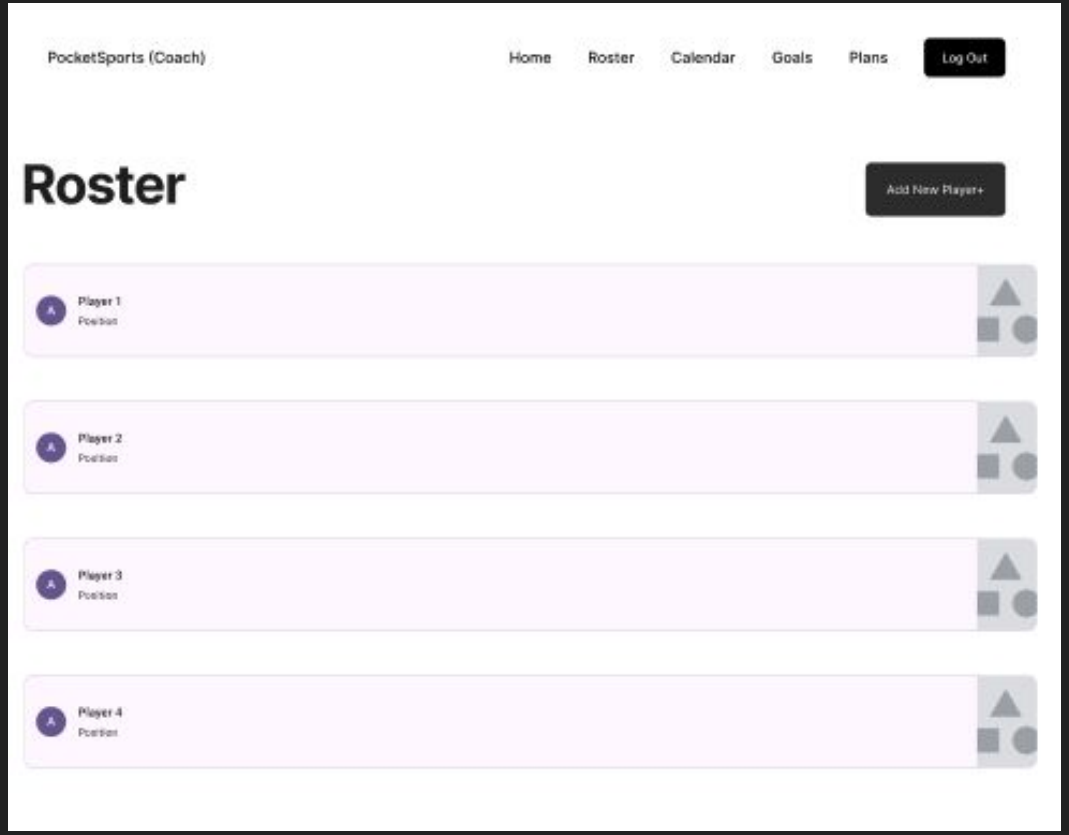


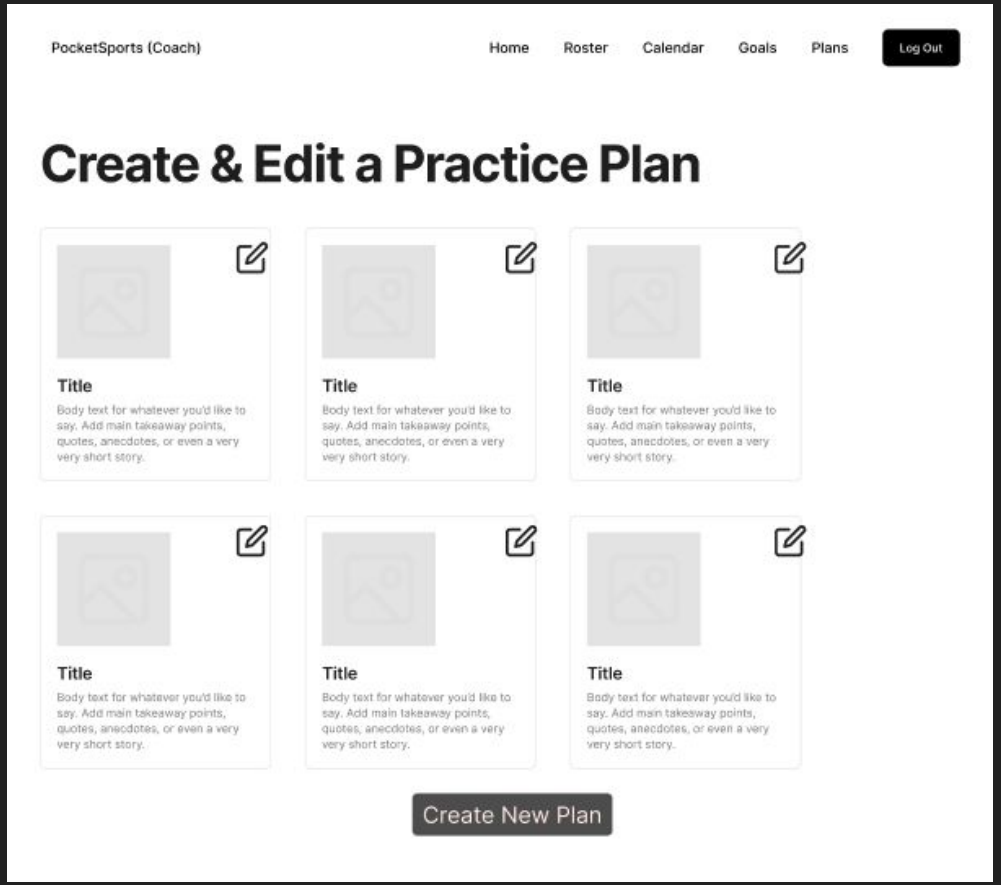
Create Website Wireframe



All
Mine
Team
New Goal +
Crushing
A
Goal 1
% Complete
On Track
A
Goal 2
% Complete
Off Track
A
Goal 3
% Complete

Practice Results
Date
08/17/2023
MM/DD/YYYY
Aug
2023
S M T W T F S
26 27 28 29 30 31 1
Stat 1
Stat 2
Stat 3
Stat 4
Stat 5
Stat 6
Coach Feedback


PocketSports (Coach)
Home
Roster
Calendar
Goals
Plans
Log Out
Roster
Add New Player+
Player 1
Position
Player 2
Position
Player 3
Position
Player 4
Position


PocketSports (Coach)
Home
Roster
Calendar
Goals
Plans
Log Out
Create & Edit a Practice Plan
Title
Body text for whatever you'd like to say. Add main takeaway points, quotes, anecdotes, or even a very very short story.
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Create New Plan

Roadmap for Web Socket Creation

1. Set up the Server
   - listens for client connections and handles messages
2. Define events for drill creation
   - Establish event types like drill:started, drill:updated, and drill:saved to handle drill actions
3. Connect client to websocket
   - establish a WebSocket connection to the server
4. Emit and Handle Events from Client
   - Send WebSocket events from the client when user interacts with the drill editor
5. Testing and Stability

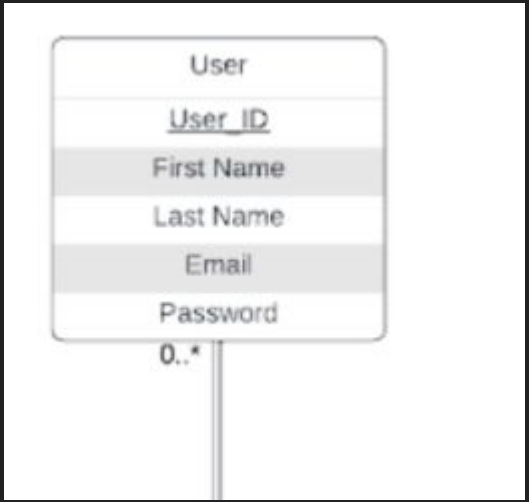
Hello World Demo of Websockets

```
(base) tylerton@TT-435 hello_world % node server.js

HTTP and WebSocket server is running on http://localhost:8080
Client connected
```

```
HTTP and WebSocket server is running on http://localhost:8080
Client connected
Received: create drill
```

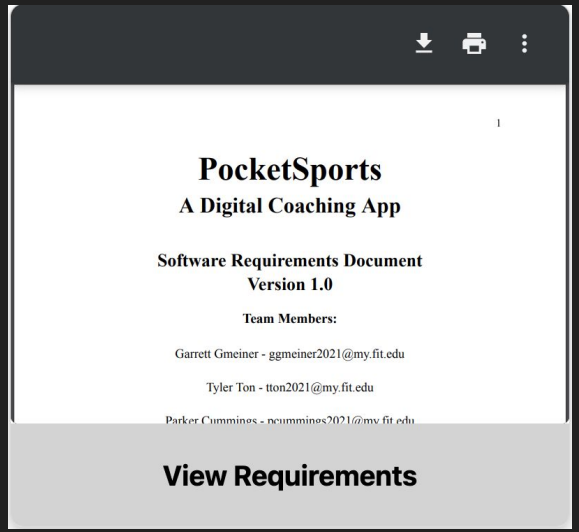
Create a Database Schema

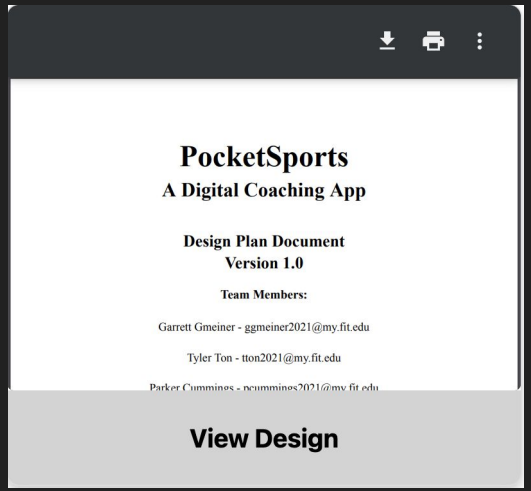


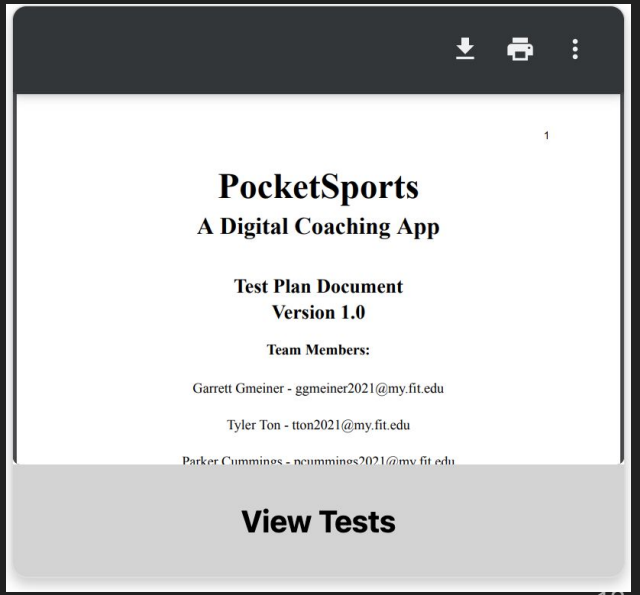
User.js

```
1  const mongoose = require('mongoose');
2
3  const userSchema = new mongoose.Schema({
4      firstName: { type: String, required: true },
5      lastName: { type: String, required: true },
6      emailAddress: { type: String, required: true, unique: true },
7      password: { type: String, required: true },
8      role: { type: String, enum: ['Owner', 'Coach', 'Player', 'Parent'],
9  });
10
11 const User = mongoose.model('User', userSchema);
12 module.exports = User;
13
```

Requirements Document, Test Plan, and Design Plan







Next Milestones

- Milestone 2 (Oct 28)
  - Have a valid, working login with a simple user interface
  - Create a database to store login information using MongoDB
  - Create a landing page for the software
- Milestone 3 (Nov 25)
  - Create and test the goal tracker feature for coaches
  - Create field outlines for drills
    - Lacrosse, volleyball, basketball
  - Create, replace, update, and destroy drills and practice plans
  - Research how to train an AI model

Task Matrix for Next Milestone

Task	Garrett Gmeiner	Tyler Ton	Taylor Carlson	Parker Cummings
Have a valid, working login with a simple user interface	10%	10%	40%	40%
Create a database to store login information using MongoDB	40%	40%	10%	10%
Create a landing page for the software.	30%	30%	20%	20%

Client Feedback

The client has recommended a landing page for the site where the user can navigate to first and then log in. Additionally, the client has recommended that the team's organization can be used to make the user experience unique to that organization.

Faculty Advisor Feedback

Questions?