**SportAppFinder**

**Type:** Web App

**Overview:** The purpose of this app is to allow users to find sports they are interested in playing in the local area, and connect/match with others. This app will allow you to match with people of similar skill sets (if you want)

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**MVP**

* Motivation
  + User wants to play a specific sport with new people
* Actions
  + Create event
    - Click create
    - Fill out form
      * Date/time
      * Location
      * Sport
      * Title
      * Description
      * Number of players needed
        + # already have, # needed
      * Skill Level – beginner, intermediate, experiences
      * Gender – male, female, both
    - Click post
    - Success page
      * Success message
      * Shareable link to the event page (maybe)
  + Explore events
    - View #1: Map
      * Click on an icon marker
      * See small preview
        + Icon
        + Sport type
        + Skill level
        + Date/time
      * Click button in preview
        + Load event details page
    - View #2: List
      * Automatically orders list of evens based on closest distance to user
      * Users can see the following info from the list view:
        + Icon
        + Sport type
        + Skill level
        + Date/time
      * Click list item
        + Load event details page
  + Join event (pending)
    - User gets to event detail page
      * Have all info from original form
      * See event creator profile image and name
      * Button to request to join
    - Click request to join
    - Success page
      * Back to explore map view
  + Confirming others to your event
    - Receive alert notification of another user requesting to join your event
    - Click join notification
    - Leads you to event details page
      * Should have section (only visible to creator) to show any pending requests
    - Click yes or no icon to each person
    - Once spots are filled out then any remaining (if any) get auto marked as denied
    - Accepted users should get a notification confirming their spot and reiterating event details
    - Denied users should get a notification confirming the event is full or has been declines

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**Primary Pages**

Login/Sign Up

Explore (homepage)

* Map view / toggle to list view
* Create event button

Profile

* Public
  + Avatar
  + Name
  + Location (general)
  + Favourite sports
* Private (only logged in user can see)
  + Same as above
  + Edit profile button

Notifications

* List view of event activities

Events

* Your Events
  + Preview list item
    - Same as explore preview
    - Addition of notification update
  + Click to view event details
* Joined Events
  + Preview list item
    - Same as explore preview
    - Addition of status
  + Click to view event details

Account Settings

* Personal Details
  + Name
  + Phone Number
  + Email
  + Birthdate
  + Gender
* Security
  + Change password

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**Models**

Event Model

* Creator-User
* Date Created-DateTime
* Event Date-DateTime
* Title-String
* Description-String
* Location-String
* Sport-Sport
* Skill Level-SkillLevel
* Players-User[]
* Players Pending-User[]
* Players Needed-int
* Gender-Gender
* Share Link(maybe)-String
* Event Status-EventStatus (maybe)
* ~~User Status-UserStatus~~

Sport Model -

* Sport Name-String
* Icon-String

Gender Model

* Gender-String

Skill Level Model -

* Skill Level-String

User Status -

* User Status-String

User Model -

* Private
  + Phone Number-String
  + Email-String
  + Password-String
  + Gender-Gender
  + Birthdate-DateTime
* Public
  + Name-String
  + Location-String
  + Favorite Sports-Sport[]
  + Avatar-String
* Hidden (behind the scenes)
  + User Status-UserStatus