Project and Algorythms
Group Project Proposal

Billy Franklin
Philipp Wagner
Tugsbileg Erdenesaikhan

Project Description:

A full-stack MERN application designed to create evenly matched teams for a pick-up game in a given sport. During registration, players (users) will enter a number of attributes related to their individual skill level and preferences. The app will process this information and create evenly matched teams for the game.

MVC Features:

 - Login & Registration with validations

- Player Dashboard View:

        - Accesible only by the player who is logged in
        - Displays player stats (generated by End of Game form)
        - Displays list of pick up games in area with option to join
        - When the player joins a game, they are redirected to Game Day View

- Game Day View:

        - Accesible to any player who has joined the game
        - Lists details of game: Setup time, play time, etc
        - Displays team rosters
        - End Game button that redirects to End of Game View

- Create Game View:

         - Accesible only Admin only
         - Form to submit new game info
         - Form validations

End of Game View:

- Form upload stats, which will populate cumlatively in the Player Dashboard View

BONUS FEATURES:

- Edit Player View where player can edit their info and preferences

- Clickable map for location of gig (API)

- Player can upload custom photo for avatar

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