Fantasy Football

A **fantasy football** application where users are allowed to select 11 players from the 22 available players before the start of a match. Each player bet a fixed amount on their team, whose performance is calculated based on pre-defined metrics of performance. The pool of money is then collected in an escrow and distributed to top 3 by 50, 30, 20 percent.

Functional Requirements

- Should use metamask.
- Application should let user
  - View all 22 players
  - Select 11 and place their bet
  - View list of all other participants and their teams.
  - Receive reward in case they are top 3.
- Developers are free to define their pre-defined rules but for example:
  - If a player scores a goal +3 point to that player
  - Yellow card is -1 and red card -3
  - +1 to all players

Tech Stack

- **Solidity** (Smart Contract)
- **Ganache** (Local ethereum test blockchain for testing)
- **Truffle** (DApp Framework)
- **Web3.js**
- **Metamask**
- **Ethereum Network**
- **HTML, CSS, JS/Angular/React**