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CS546-WS1

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### Final Project Proposal

Description: We want to make a website that will allow users to find teammate(s) for the popular multiplayer online battle arena game, League of Legends. The website will be designed to help players connect with compatible teammates based on rank and role preferences. Users can create profiles, set their preferences, and find potential teammates through public posts.

#### Core Features:

- Main page
  - Feed to see other user posts/request to play
  - Users search for potential teammates by posting a team request on the website.  
  
Other users can respond to these requests and accept them if their profile matches what they are looking for.
  - Leaderboard & Reputation System (something like the karma system that Reddit uses where users will be able to rate teammates based on performance).
- User Creation/Login, Profile Page
  - There will be a user login/registration to be able to access profile creation/teammate search
  - Users will be able to create profiles for other users to see.
  - Users will be able to save their data and log back in to change their preferences.  
  
(ex: set their rank, in-game tag, preferred roles, and region that they play on)
  - Riot API integration is used to pull users' stats, rank, and match history.

- Users can see other players' match history and performance stats.
- Posts feed
  - A post feed will be available for general game posts i.e. sharing thoughts of the game. A corresponding add post button will be available for users to create posts.
  - Posts will have comment sections under each post for users to interact and build connections with one another
- Posts Creation, Editing, Deleting, Replying
  - Users will be able to create posts onto the website with features like tags, images, text, etc. to find potential teammates(if they have created an account)
  - Users will be able to find posts based on tags and text.
  - Users will be able to edit their own past posts
  - Users will be able to delete their own past posts
  - Users will be able to reply to posts to be able to further interact with possible teammates
- Friends UI
  - Users will be able to send and accept/reject friend requests within the platform.
  - Users will be able to see their already added friends.
  - Users will be able to see friends' statuses (looking for party, looking for duo, or interested in certain game modes).
  - Users will have friend's requests and posts prioritized on their feed
  - Users will be able to "poke" friends to play

#### Extra Features:

- Livechat (may not be applicable due to usage of websockets)

- Administrator accounts that could control the website more

GitHub Repository: <https://github.com/ouckah/league-finder>