MATCH ME IF YOU CAN

- NEEL INDAP

WHAT IS MATCH ME IF YOU CAN?

- '*Match Me If You Can*' is a simple game wherein you match a celebrity's face with their name

- You need to search for a movie title(only English titles supported for now), and you will be presented with cast member's photos

- You will also be presented with names in random order

- Your task is to match the face to their name and submit you answers

- You will be granted 1 point for each correct answer

- You can check out the current leaders in the leaderboard tab

HOW TO PLAY?

- To play the game, you can either register with the application or continue as a guest

- As a registered user, your scores will be saved in the database

- You can also have a look at the leaderboard and check where you stand amongst all players

- As a guest you'll be able to play the game, but not save your scores or check the leaderboard

- Once you log in, you can search for and select a movie title

- You'll be presented with pictures of 5 cast members and their names in random order

- You have to match the faces and names, and every correct answer will fetch you 1 point

USE CASES

- User can register themselves in the application

- User can log in and play the game

- User can play as guest users without registering

- User can search for movie titles

- User have to match faces and names for the cast members of the selected movie title

- User can view the leaderboard

- User can log out from the application

DESIGN DECISIONS

- Minimal UI, responsive design (Mobile first development)

- API : TMDB (Crowdsourced, various endpoints, more pictures)

- Asynchronous calls to fetch media (pictures)

- Real time score updates

- Database – Availability over Consistency

- User Authentication – Normal, Anonymous (Future : Social media logins)

- Testing (manual and automated)

- Hosted using Heroku

WHY FIREBASE (NOSQL)?

- Availability over Consistency (Eventual consistency) – NoSQL
- Firebase has casual consistency(between eventual and strong)
- Ability to register using email, social media accounts or anonymously
- Authentication taken care of
- Real time database
- APIs to access data
- Scalability handled by vendor
- Push notifications, crash analytics, etc. for applications

WHY ANGULAR(FRAMEWORK)?

- Angular provides out-of-the-box support for form validations, http requests, reactive programming, testing (protractor and karma)

- Custom routing libraries available out-of-the-box

- Support for authorization for pages

- Easy to setup and develop scalable applications

- Abstraction layers for database access

USER FEEDBACK

- <u>Discarded</u>: Show listing of searched movies, select movie, navigate to new page to play
  - Too long to start the game
  - Back and forth navigations
- <u>Discarded</u>: Drag drop UI to match names
  - "Hack" to get working with mobile devices (jQuery UI Touch Punch)
  - Not intuitive experience on mobile devices
- <u>Feature</u>: Ability to use application without registration

Neel

Secure | https://fast-everglades-67345.herokuapp.com/login

match me if you can

Log In   Register

neelindap@gmail.com

••••••

LOG IN

OR

CONTINUE AS GUEST

Secure | https://fast-everglades-67345.herokuapp.com/home

match me if you can Home Leaderboard

Welcome, Neel Indap 127 points

Search for a movie title

Fight Club

Match the faces of Fight Club's cast members to their names!

Meat Loaf (Robert 'Bob' Paulson)
Brad Pitt (Tyler Durden)
Jared Leto (Angel Face)
Edward Norton (The Narrator)
Helena Bonham Carter (Marla Singer)

Meat Loaf (Robert 'Bob' Paulson)
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Brad Pitt (Tyler Durden)
Jared Leto (Angel Face)
Edward Norton (The Narrator)
Helena Bonham Carter (Marla Singer)

You got 1 answer(s) correct!

12:43 AM
09-Jul-18
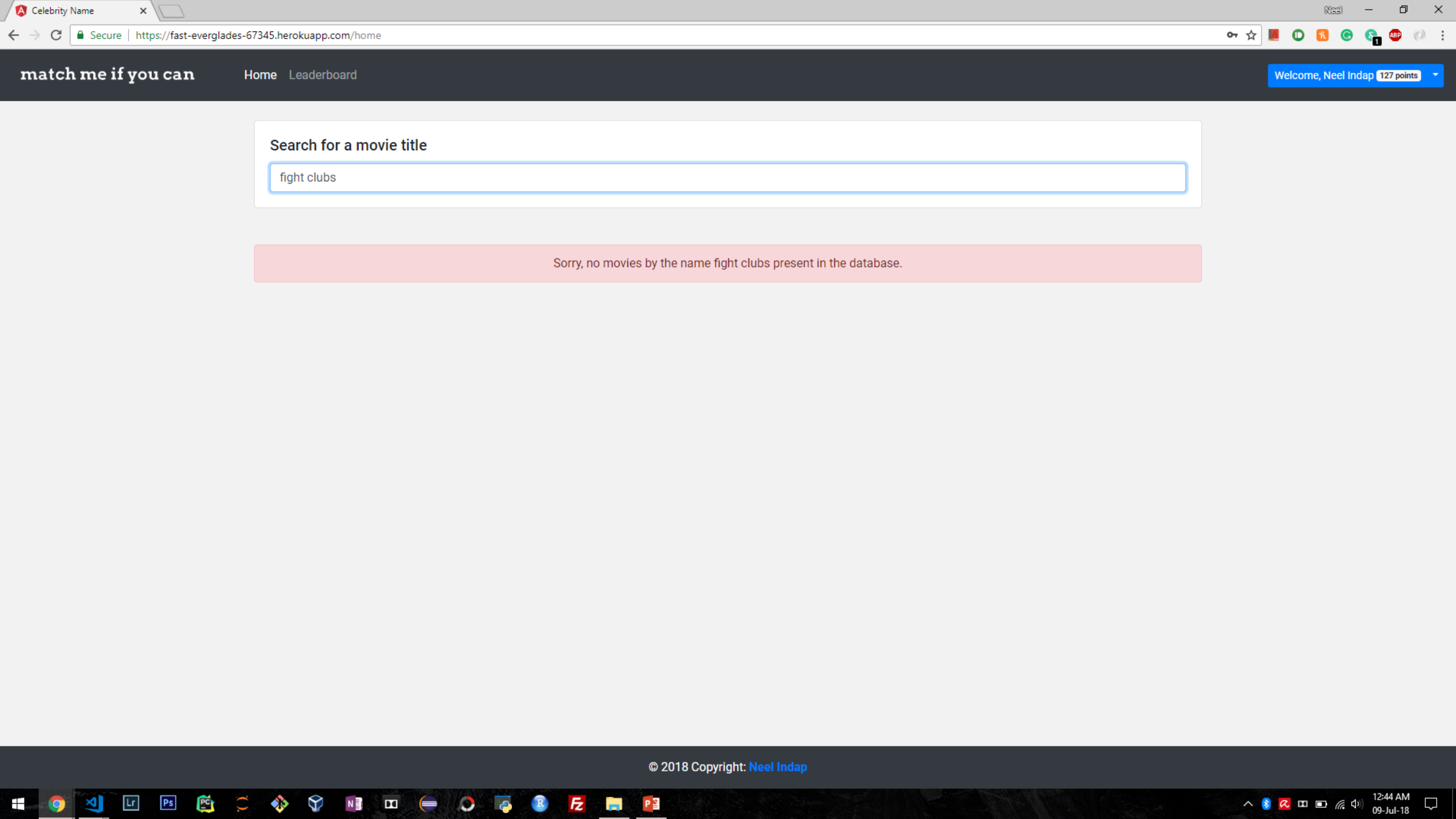
match me if you can

Home   Leaderboard

Welcome, Neel Indap **127 points**

Search for a movie title

fight clubs

Sorry, no movies by the name fight clubs present in the database.

match me if you can

Home   Leaderboard

Welcome, Neel Indap **127 points**

Leaderboard (Top 5)

Show 10 entries

Search:

Rank ▲	User's Name	Score
1	Neel Indap	127
2	Hello World	39
3	Rishabh Saha	18
4	Test	16
5	Test User	15

Showing 1 to 5 of 5 entries

Previous   1   Next

Scores of Top 5 players

Legend
- Neel Indap
- Hello World
- Rishabh Saha
- Test
- Test User

Score

120

100

80

60

40

20

0

Neel Indap   Hello World   Rishabh Saha   Test   Test User

User's Name

12:43 AM
09-Jul-18
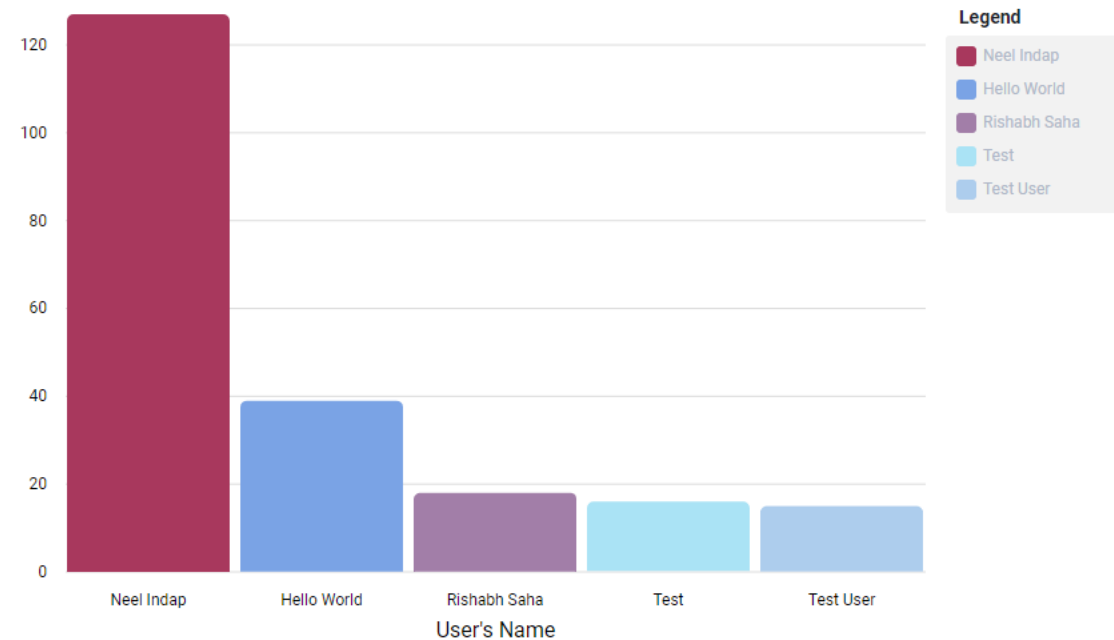
FUTURE SCOPE

- Use movie search data to promote movie renting

- Caching of API results

- Unit test cases for better code coverage

- Cordova integration to convert web application to mobile application

- Movie/cast trivia

- Level badges

- Competitions

THANK YOU

Enjoy the game at https://fast-everglades-67345.herokuapp.com/

References:

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