

Practical Jokers:: Gordon Mo, Ameer Alnasser, Ryan Lee

SoftDev P01 – Rest API site

2022-12-05

Time spent: 1.5 hours

Target ship date: 2022-12-19

Program Components

- HTML
 - Login Page
 - On the Login page, we will prompt the user to log in with their provided user and password
 - Register Page
 - Give username, password, and country. Password is >8 characters, username cant be taken already, countries can be reused.
 - Home Page
 - Redirects to login and register if not logged in, leaderboard, profile, and play if logged in
 - Profile Page
 - Change your country, change password?
- Flask: serves the webpage
- Bootstrap: uses css to make the webpage user friendly. Helps with the organization through columns.
- APIS
 - Deckofcards API: we use this deck of cards to play our game of blackjack.
 - Exchangerate API: in order to bet on the blackjack games
 - Joke API: A joke pops up for every loss/when you're bankrupt
- SQLite
 - User table: userid primary key, username, password, country

- Dabloons table: userid, country, highest money, current money, money won
- Leaderboard table: Country, total gdp, recent money won

Reach Goal

- Have animations for blackjack

Tasks Breakdown

Gordon: HTML stuff

Ameer: Database stuff

Ryan: Flask stuff

Clyde Sinclair: Bootstrap/design stuff

Front-end Framework we are using: Bootstrap! We liked the column framework more than the grid system in foundation.

APIs we are using

Deckofcards <https://deckofcardsapi.com/>

Exchange rate <https://www.exchangerate-api.com/docs/overview>

Joke <https://v2.jokeapi.dev>

