



DVA 231 Web Development

Project Presentation

Project-Group 3

Project Description

Web Application for searching Cocktail-Recipes

- Cocktails with specific ingredients
- Random Cocktails

User registration with following features:

- Creating Cocktails for other visitors
- Reviewing and rating existing Cocktails
- Bookmark favorite Cocktails

Moderator with following features:

- Ban Users
- Remove Reviews
- Blacklist Cocktails

For Data we use: <https://www.thecocktaildb.com/about.php>



Source: <https://mememaker.net/meme/cocktail-party-2645>

Story

How it Started (The idea)

How we Separated the Work

Initial Problems

What we Learned

Technologies

Back-end:

- Cocktail REST API
- Django Open-source web framework (Python)
- Django Open-source REST framework (Python)
- SQLite3

Front-end:

- JQuery a JavaScript library
- Bootstrap CSS3 framework
- Rater JS Widget
- Tags Input Plugin
- Font Awesome

• Future Improvements •

- Add an 18+ years old confirmation when the user enters in the website
- Show firstly the cocktail that matches more ingredients
- Public the website online
- Add an SSL certificate in order to use the HTTPS protocol, instead of the HTTP one
- Encrypt the login and registration data before sending them to the back-end
- Add constraints for the password length and strength
- Remove banned users Reviews
- Adding a Salt for safe encryption of the user password
- Search for non-alcoholic or alcoholic Cocktails
- Create privacy/cookie policy for the website
- Add email, birth date to the user registration
- Add profile picture and friend-list feature
- Make Public Profile Pages
- Use OAuth 2 for login
- Edit some API to lower the possibility of XSS
- Use a CDN and save images on the cloud in order to lower the space needed by the website
- Add the Admin user with the ability to give and remove moderator rights to users

Cocktail Search Home Page



Questions?