

Milestone 3 - Midterm Presentation

Team Information

Team Number: 024_2

Team Name: PlaySyncers

Team Members:

- Gaukas Wang
- Logan O'Brien
- Kaitlin McConnell
- Erica Lowrey

Demos

UI Features (3+)

- Landing Page
 - Feature list(Banner), One-line description, Btn to login(also on every page)
- About Page
 - Description of the project
- User Registration
 - Username, Password, Email (Mailing List) (optional)
- Login Page (into client area)
 - Username, Password, Login btn
 - Signup link, 3rd party login btns

DB (1+) (PostgreSQL)

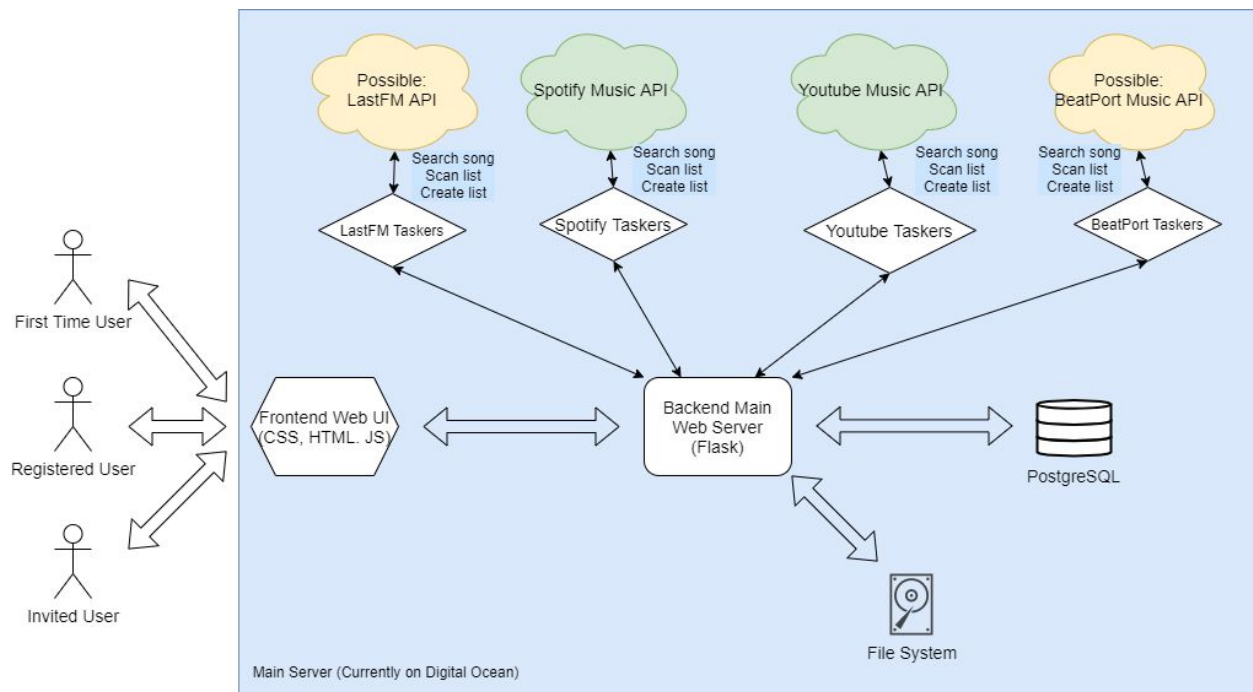
- User DB (DB design)
 - UID
 - Username
 - Password_Sha256 (hash to be changed)
 - Email
 - Mailing List Opt-In Status

Backend (Flask)

- User Registration
 - Write to DB
 - Set cookies
- Login Page
 - Read from DB
 - Set cookies

- User login status
 - Verify the cookies with DB
 - Clear invalid cookies, otherwise show user dropdown menu for logged-in visitors

Architecture Diagram



Milestone 3 Details:

- What features were completed?
 - Playsync.me is up and running with a landing page, about page, login page, and register page.
 - Users are now able to sign up and login and logout of the website. Jinja template inheritance has been incorporated to the website which allows us to more easily incorporate new .html and reduces the amount of redundancy across pages.
 - Additionally, navbar and footer updates can now be implemented site-wide in one action instead of updating each individual page. Registration requirements have been implemented using javascript.
- What worked during the demo?
 - The landing page changes depending on whether or not a user is logged in.
 - A user can sign up, and must put in a specific kind of password before being able to sign up. Then they are automatically logged in and sent to the landing page.
 - A user can successfully log out or log in.

- What issues were faced either during the development or during the demo?
 - Faced problems integrating the HTML/CSS to the website
 - Logan locked Gaukas out of account (temporarily) 😊
- What were the suggestions offered by the TA?
 - Suggested we update/modify the architecture diagram to specify what is happening between stages (i.e. Frontend Web UI and Backend Main Web Server), as well as what containers are being used (i.e. Digital Ocean Server). We also updated the database label from “Database” to “PostgreSQL”.
 - Suggested using something other than sha256 for passwords in the database.
- Individual contributions by each team member
 - Gaukas: Backend server script, Database design
 - Logan: Incorporated template inheritance using Jinja, html, worked with connecting frontend/backend elements.
 - Kaitlin: Frontend HTML/CSS
 - Erica: Did HTML/CSS for the login and registration pages, as well as the JS for the registration page to verify the user's name and password.