

The project includes the following files and directories:

1. **Main Files:**

- `app.py`: the main application file.
- `docker-compose.yml`, `Dockerfile`, and `Dockerfile-dev`: Files related to containerization.

2. **Documentation:**

- A `documentation` folder, which contains existing pre-production work or other supporting files.

3. **Flask Application:**

- The `flask_app` directory holds the core components of the application.

4. **Supporting Files:**

- `requirements.txt`: Python dependencies for the project.

Flask Application (`flask_app`):

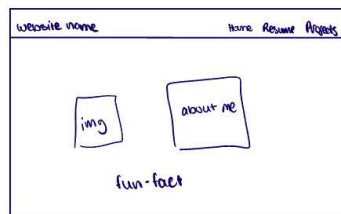
- `routes.py`: Contains the main routing logic for the application.
- `static`: Contains CSS, JavaScript, and image assets.
- `templates`: Holds the HTML templates for the app.
- `__init__.py`: Initializes the Flask app.
- `__pycache__`: Compiled Python files.

Wireframes/comps with layout sketches:

- Maps user flows for navigating between `home.html`, `piano.html`, `resume.html`, and `projects.html`.

1) Home page:

- purpose: Introduce myself to my site visitors



→ header

- has my name
- short description about me and my experiences
- fun facts at the bottom of the page that change with every page refresh.



2) Resume page:

- purpose: Display resume info in a professional layout

website name	Home Resume Proj
msu	date
internships	date
clubs	date

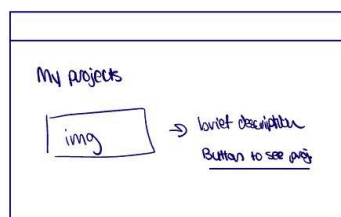
→ header

- } resume info:
- has contact info at the top
 - skills relevant to each position/project
 - line separating each experience



3) Projects page

- purpose: Display grid of all projects



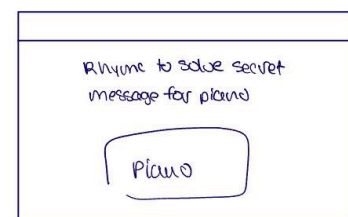
→ header

- project card will have:
 - project title
 - thumbnail img
 - description
- link and button to the project's detailed page



4) Piano page

- purpose: Showcase piano project in detail



→ header

- call to action buttons:
 - you can play the piano.
 - each key will have a color change indicating it was pressed and will play a sound.

User Workflow

1. Entry Points:

- The user starts on the **Home Page** ([home.html](#)), which serves as the main landing page.

2. Navigation From Home Page:

- Users can navigate to:
 - **Resume Page** ([resume.html](#)) via the "Resume" link in the navigation bar.
 - **Piano Page** ([piano.html](#)) via the "Piano" link in the navigation bar or a featured section.
 - **Projects Page** ([projects.html](#)) via the "Projects" link in the navigation bar or a featured section.

3. Navigation From Resume Page:

- Users can navigate to:
 - **Home Page** via the "Home" link in the navigation bar.
 - **Projects Page** via the "Projects" link in the navigation bar.
 - **Piano Page** via the "Piano" link in the navigation bar.

4. Navigation From Projects Page:

- Users can navigate to:
 - **Home Page** via the "Home" link in the navigation bar.
 - **Resume Page** via the "Resume" link in the navigation bar.
 - **Piano Page** via links on individual project cards or the "Piano" link in the navigation bar.

5. Navigation From Piano Page:

- Users can navigate to:
 - **Home Page** via the "Home" link in the navigation bar.
 - **Projects Page** via the "Projects" link in the navigation bar.
 - **Resume Page** via the "Resume" link in the navigation bar.