Project Milestone 2:

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Features List:

- Search Feature
- Suggested Projects Display Feature
- Landing Page Feature
- Login Feature
- Account (Profile) Creation/ Editing
- Users Project Ideas Submission

Possible Databases:
1. Projects
2. Skills
3. Interests
4. Users

Project Plan:

Link: https://trello.com/b/gwFxlQjQ/full-stack-task-board
1. First Sprint (10/02-10/23): Front-end (visuals and style)
2. Second Sprint (10/23-11/06) Polish front-end and develop back end
3. Third Sprint(11/06-11/20): Integration
4. Fourth Sprint(11/20-12/02): Final Polish, finish integration if necessary

Search Feature:

Functional Requirements:
- Search bar
- Tags for narrowing search

Non-functional Requirements:
- Draw information from the database
- Match results to search parameters (either through SQL or Javascript)
- Count the number of matches in interests and skills from search query to project in database. List highest number matches first.

Suggested Projects Display Feature:

Functional Requirements:
- Display projects matching user preferences before search query.
- After search, results appear as cards with project name, description, language, and skills.
- Cards link to a more detailed page when clicked.

Non-functional Requirements:
- Populate cards through Javascript
- When clicked, redirect to a page a template page (divs and ids) and fill it with project using Javascript.

Landing Page:

Functional Requirements:
- Links to other pages of the site.
- Has a login button that links to login page.
- Looks nice.

Non-functional Requirements:
- Pure HTML / CSS page.

Login Feature:

Functional Requirements:
- Username and password
- Register / existing user

Non-functional Requirements:
- HTML / Bootstrap form
- Use preexisting tool for storing account information.
- Redirect for registering new users.
- Check "new user" data and make sure it doesn't already exist.

Account (Profile) Creation/ Editing:

Functional Requirements:
- Username
- Password
- Skills/interests

Non-Functional Requirements:
- Add new user to user database
- Ability to edit user info

Add User Projects Feature:

Functional Features:
- Ability for users to add projects to the site
- Users can tag appropriate skills for the project
- Users can add descriptions and attach project links

Non-Functional Features:
- Add projects to the project database
- Attach appropriate skills, interests, link and description to project