Webkey Internship

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Overview

- Interned at Webkey.
  - Non-profit organization.
  - Based in the U District with the owner, Cory Crocker, owning several other businesses.
- Worked on the Vital application.
  - Shows local businesses in the U District.
  - Gives business a rating based on various factors.
  - Full stack application.
    - Draws from a Django database.
    - Frontend runs off of Next.js.
  - Connects users to businesses through promotional deals and information.

Software Used

- Django
  - Backend
- Divio
  - Deployment of the backend server
- Next.js
  - Frontend
- Heroku
  - Deployment of the frontend
- Teamwork
  - Project management

Django

- Acted as backend server.
- Occasionally modify & add code to suite various project goals.
- Worked with Model-View-Controller design methodology.
- Kept track of various fields, modifying as needed.

Divio

- Deploy Django server to the live site.
- Setting up connection between code & Divio servers.
- Deploying test site & live site.

Docker

- View the Django database offline
  - Acting as a test environment
  - Able to edit values without consequence
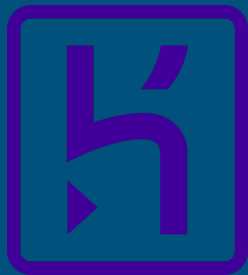- Using the terminal to manage migrations

Next.js

- Worked with NPM; installing correct versions.
- Utilized server-side rendering.
- Modified & added to existing code to suit project goals.

Heroku

- Deploy Next.js code to the live site.
- Work with the command line interface.
- Utilize GIT for pushing & pulling data from Heroku.
- Upgrading Heroku version.

Teamwork

- Connected with team members via comments.
- Tracked various assignments achieved.
- Monitored specific implemented features.
- View files & links to various project related information.

Challenges Faced

- Learning the backend.
  - Only worked with frontend up to before internship.
- Working with various NPM versions.
- Learning Docker.
- Learning Next.js.
- Working in a professional environment.
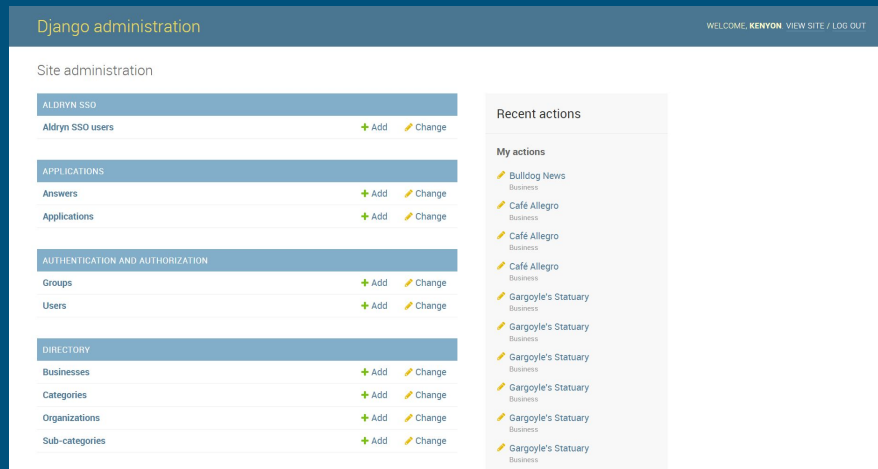- Imposter Syndrome.

Dealing with Imposter Syndrome

- Having faith & confidence in myself.
- Pushing through challenges; tenacity.
- Focusing on the process rather than the goal.
- Breaking it down into manageable chunks.

verywell

Navigating the Backend

- Working with a Senior developer.
- Recording discoveries (in a notepad) of code process.
- Learning the Model-View-Controller design.
- Adding appropriate fields.
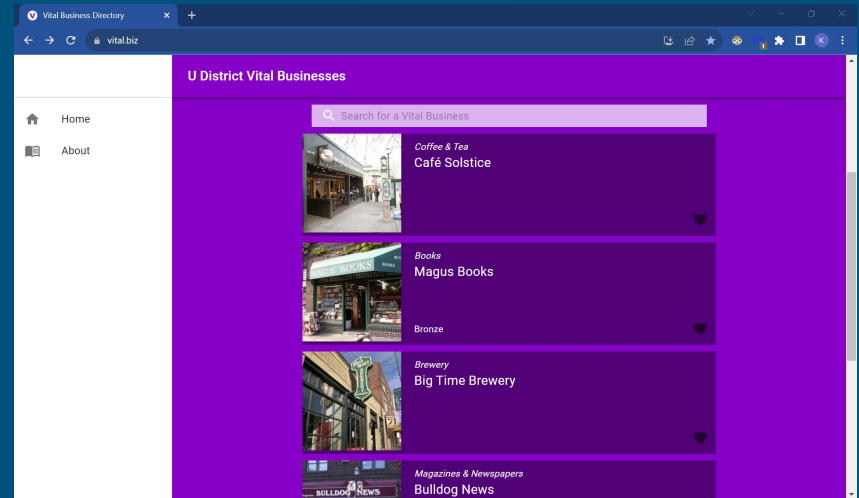- Removing redundant fields.

Learning Docker

- Connecting to code files & workspace.
- Using the terminal to input correct commands.
- Getting assistance from other developers.

Integrating Database Into the Frontend

- Modifying a .env file.
- Spending time reading the readme.
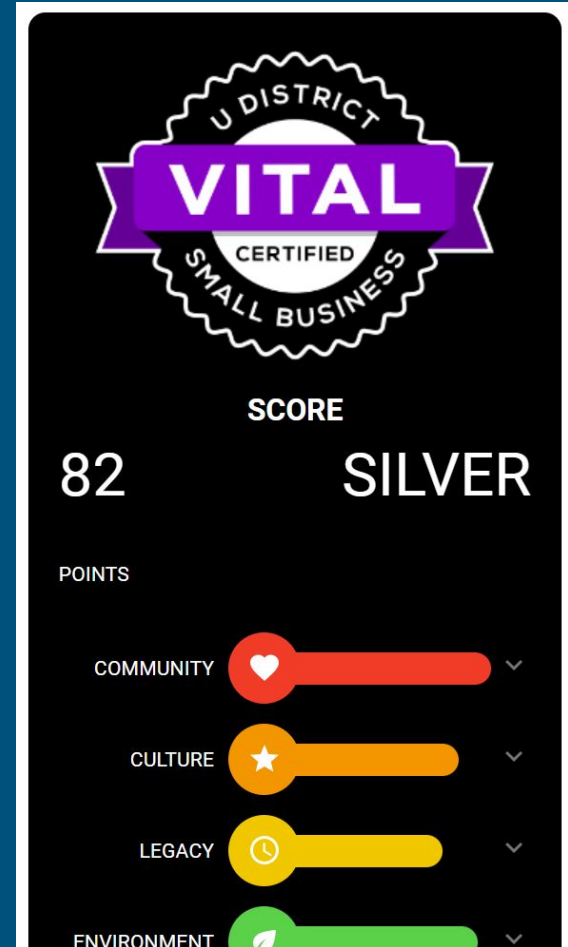- Looking into Django & Next.js documentation.

Promotion Feature

- Shows a promotion on select days (based on timeline inputted in DB).
- Styled with modern CSS techniques.
- Incorporates logo of given business into promotion design.
- Planned to include QR code for easy use.

Halloween Special

25% Discount

To celebrate Halloween, we present you with a 25% discount off of any one drink from October 27 to October 31st. Enjoy, & Happy Halloween!

Offer expires **October 31, 2023**.

Scoring Feature

- Calculates given score based off answers given by business.
- Gives rating to given business based on score.
- CSS sliders dynamically adjust to reflect score for each category.

Questions?