

Planning

- Work through checklist to briefly define what I'm planning to do with project
- Possibly use Figma for design portion
 - Use Coolers to find website color scheme
 - Google other sites for layout

The wireframe shows a website layout for 'Dave's Dinner Dines'. The header section includes the title 'Dave's Dinner Dines' in a large, bold font. Below the title is a short introductory paragraph: 'Intro to site - Helping Utahans find the best dinner spots. Eat great grub, rate restaurants, leave reviews! Let me know what your feeling and I'll generate personalized recommendations based on price point, location, and food type!'. Underneath the intro are three navigation buttons: 'About Dave', 'All Restaurants', and 'Leave a Recommendation'. The main content area features a 'Get a Recommendation' form with three input fields labeled 'Food Type →', 'Price Range →', and 'Location →', each followed by a 'Submit' button. Below the form is a section titled 'My Recommendations' which contains a 'Restaurant Card'. The card has a header 'Restaurant Name' with a 'Logo' placeholder. The body of the card contains five input fields: 'Food Type → Pizza', 'Price Range → \$\$\$', 'Location → Utah County', 'Menu Link', and 'My Review'. At the bottom of the card are two buttons: 'Leave a note' and 'Delete a note'.

Dave's Dinner Dines

Intro to site - Helping Utahans find the best dinner spots. Eat great grub, rate restaurants, leave reviews! Let me know what your feeling and I'll generate personalized recommendations based on price point, location, and food type!

About Dave All Restaurants Leave a Recommendation

Get a Recommendation

Food Type →

Price Range →

Location →

Submit

Restaurant Card

My Recommendations

Restaurant Name

Logo

Food Type → Pizza

Price Range → \$\$\$

Location → Utah County

Menu Link

My Review

Leave a note Delete a note

Analysis Requirements

- Review previous projects that utilize similar technologies/packages
- Software
 - VScode as code editor
 - Postman
 - Maybe Bit.io for database
 - Axios

- Express
- Cors
- Sequelize*
- Node.js

Design

- Backend (
 - Server.js
 - Express for server
 - Cors for port mitigation
 - REST endpoints will be listed
 - Get All Restaurants
 - Get Random Restaurant
 - Get Restaurant Recommendation
 - Post note
 - Edit note
 - Delete note
 - Controller.js
 - Handler functions for Rest endpoints from server.js
 - Db.json
 - Array of objects for all our restaurants
 - Restaurant ID
 - Restaurant Name
 - Logo Photo
 - Genre/Food Type
 - Price Range
 - County
 - Link to Menu
 - Dave's Review
 - User Review
- Front end (CLIENT FOLDER)
 - HTML for basic layout
 - Includes Axios Link
 - CSS
 - Styling for frontend
 - JS for interactivity of HTML
 - Axios requests for each endpoint

Implementation

- Create a folder for new project and open in VScode
- Create folders for Server and Client, along with subsequent files:
 - Client Folder:
 - Index.html
 - Index.css
 - Index.js
 - Server Folder:
 - Index.js
 - Controller.js
 - Db.json
- Initialize NPM and Git
- Create .gitignore and add Node_modules to it
- Install packages
 - Express
 - Cors
- Add repo to github

Backend

- Build out db.json to define structure of items
- Build out controller
 - Require data from db.json
 - Setup module.exports (holds handler functions for endpoints)
- Build out server file
 - Require packages
 - Express
 - Cors
 - Create app instance
 - Const app = express()
 - Setup middleware
 - App.use for express and cors
 - Destructure handler functions from controller
 - Build server side endpoints for each function in controller
 - App.listen to start server
- Test each endpoint with postman to make sure data is transferring in the expected way (one at a time)
 - Get All Restaurants
 - Get Random Restaurant
 - Get Restaurant Recommendation
 - Post/edit note
 - Delete note

- Add user recommendation
- Get user recommendations

Frontend

- Index.html
 - Build HTML structure using built in template (!)
 - Add axios to HTML
 - Link JS and CSS files
 - Build out the basic HTML Structure
 - Df
- Index.js
 - Define baseURL
 - Axios forget
 - Get restaurants
 - Post Rating
 - Post Review
 - Delete Review
 - Edit Review
- CSS
 - Figure it out - FLEX BOX

Testing/Integration

- No tests currently

Maintenance

- No maintenance needed currently