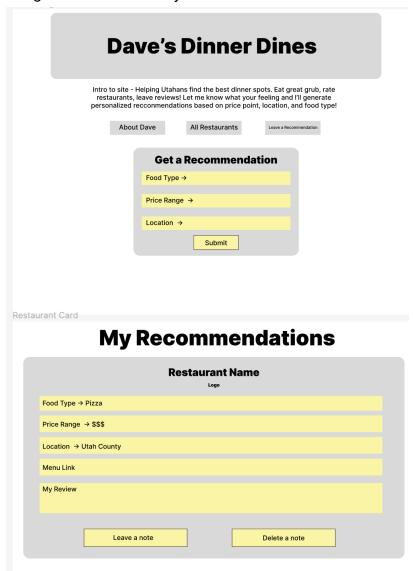
Planning

- 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
 - o Google other sites for layout



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
 - o 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
 - o CSS
 - Styling for frontend
 - o 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:
 - o 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
 - o 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

- o Add user recommendation
- Get user recommendations

Frontend

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

Testing/Integration

No tests currently

Maintenance

• No maintenance needed currently