

Foundations Project Plan

Idea: Develop an online user facing purchase application for ‘Generations Bakery’ to ecommerce market and sell products.

Basic Requirements:

Highlighted values will be included in project

- **Planning**
 - project includes a wireframe for each view
 - [including below]
 - project includes a list of MVP features *
 - user will be able to search and view items
 - users will be able to add items to cart
 - users will be able to login to an existing account or create an account
 - project includes a data model
 - [including below]
- **MVP**
 - app has at least 3 main features *
 - user will be able to search and view items
 - users will be able to add items to cart
 - users will be able to login to an existing account or create an account
 - front end makes a request to the server and handles the response *
 - user will request bakery item data from server (view items)
 - user will request search of bakery items from server (search feature)
 - user will request account verification from server (login feature)
 - front end is interactive *
 - users will be able to click buttons
 - to add items to cart
 - to complete search for items
 - to click on items to view more information (name, quantity, price, ingredients, etc.)
 - users will be able to submit forms
 - to type in items to search for
 - to add in user login information (both logging in and adding an account)
 - app has custom styling *
 - [included below: documentation for styling]
- **Front End**
 - app has at least 5 semantic tags *
 - <header>
 - Includes shop logo
 - <footer>
 - Includes shop information (address, phone number, etc.)
 - <details>
 - Includes additional information about the product (ingredients, ‘special notes’ from the baker)

- <section>
 - Includes images, animations, additional information, and forms for interactive web page
- <nav>
 - Includes nav links to other pages
- app includes 1 view *
 - generic 'home' page of the web store app
- app includes 1+ additional view(s)
 - 'bakery item' page for additional information on item and ability to add to cart
 - 'cart' page to view items for purchase
 - 'user account' homepage (login and create an existing account)
- styling includes flexbox
- at least 1 view is responsive
- styling includes animations
 - slideshow/video of bakery items displayed in section on homepage
 - bubble floats up to cart and adds number of items in cart
- **Server**
 - app includes a GET endpoint and handler function *
 - GET request for bakery items during search
 - GET request for loading and viewing all bakery items in category
 - GET request for logging into existing user profile
 - app includes a POST endpoint and handler function *
 - POST request to create a user account
 - POST request to document prior bakery items purchased for individual user
 - app includes a PUT endpoint and handler function
 - app includes a DELETE endpoint and handler function
 - app utilizes Sequelize
 - used to store data on specified user and bakery purchase history
 - project includes at least 1 controller file
- **Database**
 - project includes a seed file or function
 - app uses 1 table
 - user table
 - app uses 1+ additional tables
 - bakery items table
 - app uses a foreign key and join
 - foreign key used to connect user to previous purchase history
- **Presentation**
 - discusses project purpose and demonstrates MVP *
 - does not discuss broken/unimplemented features
 - recording is between 2-3 minutes



