

Cobblestone Order Placer

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Application Overview

Simplify pickup orders at Cobblestone Cafe. Customers can easily order, customize, and pick up their meals, and can also access their order history for added convenience. As the Admin, you can efficiently edit orders, delete, or mark them complete, and gain insights into specific order details through the admin panel.

User Features:

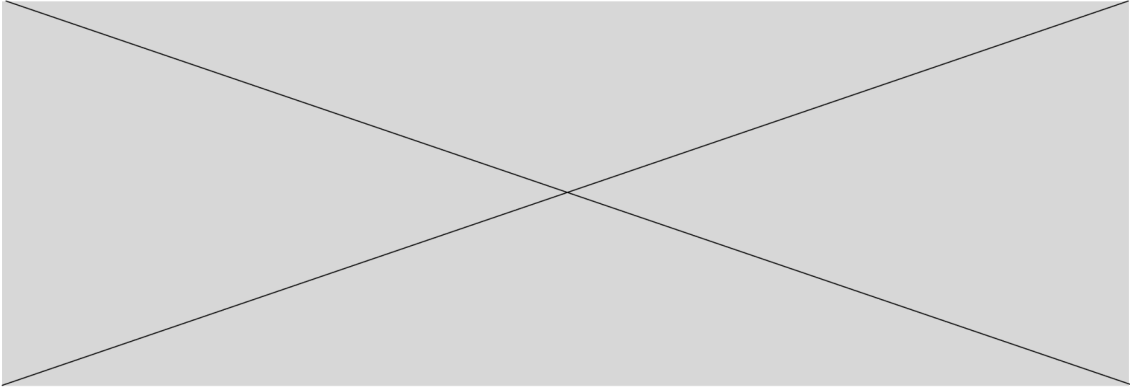
- Create accounts and securely log in.
- Navigate the menu with category filters.
- Add menu items to a dynamic cart with real-time updates.
- Click menu items to receive detailed information.
- Checkout and pay with secure online payment options or in-store.
- View recent order history.

Admin Features:

- Access an Admin Dashboard table with all orders.
- View, edit and delete individual orders.
- Mark orders as complete.

1. Log-In

Cobblestone Cafe	login/register			
Home	Menu	About	Contact	Order Pickup



Username

Password

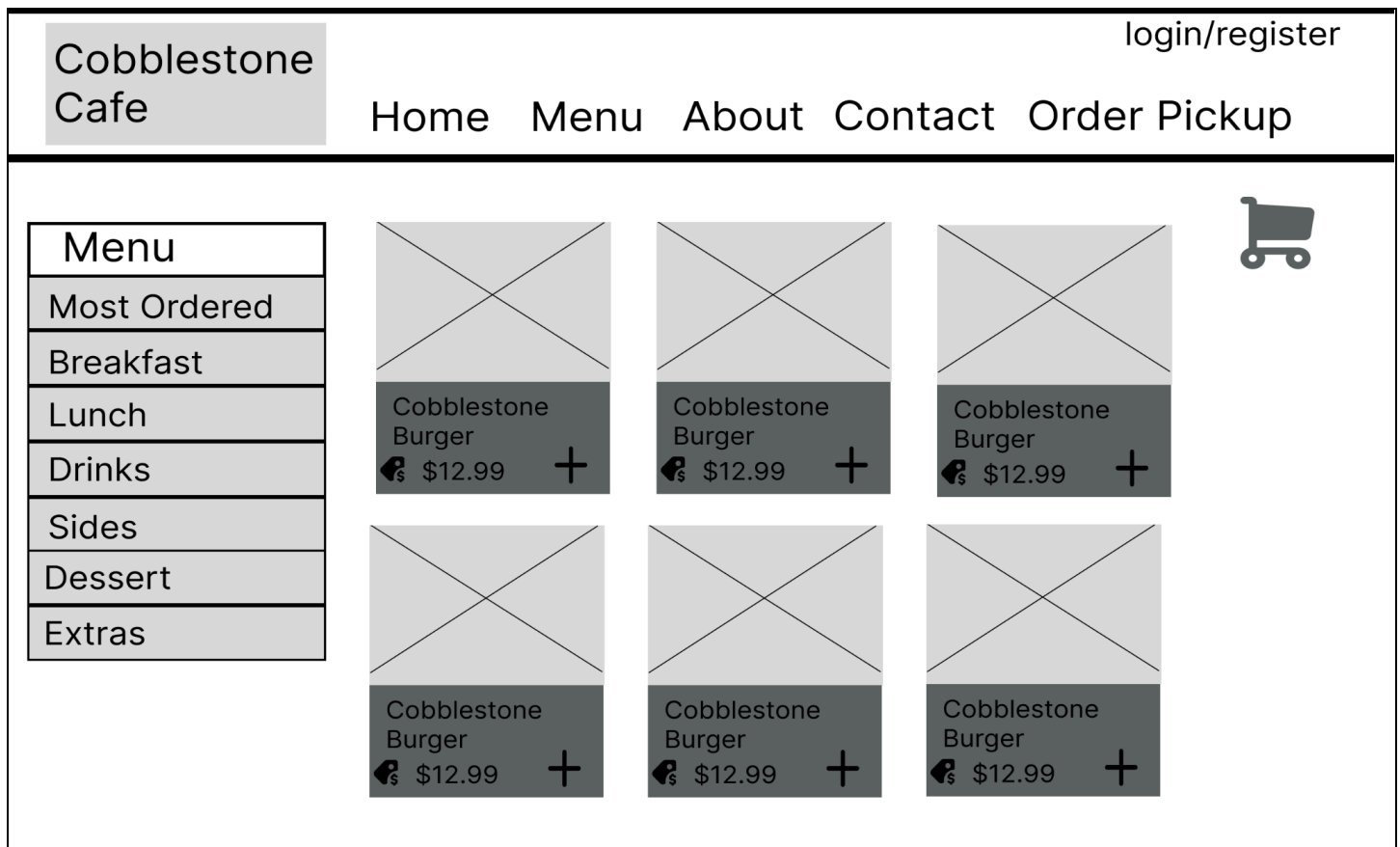
Register

Login

Users will be able to log in to the application.

- The **Log-in** page will contain a link to the **Registration** page (no wireframe included).
 - **Registration** will contain text inputs for username and password.
 - The **Registration** page will also contain a button that navigates the user back to the **Log-in** screen and a button that will submit the form.
 - After successful form submission, the user will automatically be logged in with the new account.
- **Forgot password** will not be included in this project.
- The **Header** has navigation routes set to all pages aside from the **Admin** page
 - The **Header** also has both, **Log-in** and **Registration** routes in the upper right corner that will change to a username and profile route upon **Log-in**.

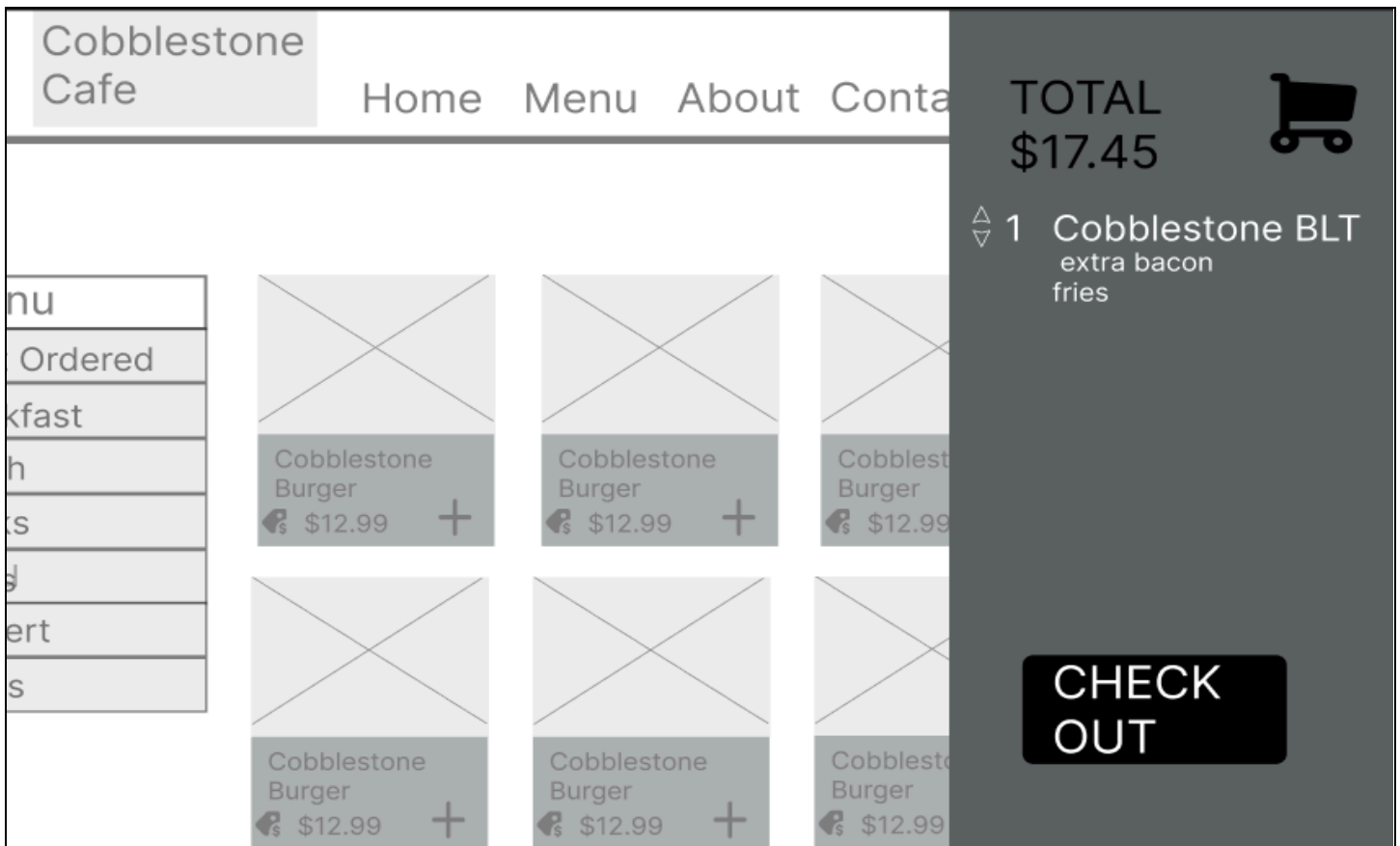
2.1 Order Pick-up



Allows for customers to explore the menu, add items to their cart, and view item details before placing their order for pick-up.

- **Order Pick-up** Allows for User-Friendly Menu Exploration
 - **Most ordered** button renders most ordered items and is selected by default.
 - **Navigation** for specific items using category filters
- **Cart Management:**
 - **"Add to Cart"** button for each menu item.
 - Dynamic Cart that sticks to the page when scrolling.
 - Cart updates in real-time as items are added or removed.
 - Clicking the cart activates a checkout "drawer" that slides in from the right side of the screen.
- **Item Detail View:**
 - Detailed modal of an item when clicked, including larger image, description, price, and ingredients.

2.2 Order Pick-up Cart Drawer



This cart drawer offers users flexibility over their order, allowing them to make changes, review item details, and seamlessly proceed to checkout for pick-up.

- Trash Icon to easily remove items.
- Back door icon for navigation to return to **Order Pick-up 2.1**.
- **Checkout** button that routes to **Checkout** view.
- Provides total for all items in cart

3.1 Order Checkout

<div>Cobblestone Cafe</div> <div>Home Menu About Contact Order Pickup</div>		login/register
<div>Cart</div> <div>1 Cobblestone BLT, extra bacon fries</div> <div>Add More</div>	<div>Payment type: Online: <input type="radio"/> On Pickup: <input type="radio"/></div> <div>Name: <input type="text"/></div> <div>City: <input type="text"/></div> <div>Zip: <input type="text"/></div> <div>Phone: <input type="text"/></div> <div>TOTAL \$17.45</div> <div>PAYPAL?</div> <div>Place Order</div>	

This view allows users to place their order, select their payment method (online or in-store), and provides a form for entering customer information.

- **Payment Method Selection:** Users can choose between paying online or paying at the store.
 - Users can place their order and make payments through a payment system like PayPal for example.
- Users can enter their customer information, including name, city, zip code, and phone number.
- **Cart Display on the Left**
 - Features the same capabilities as **Order Pick-up Cart** including editing quantity, removing items, and add food button that redirects to **Order Pick-up** for navigation
- User will navigate to order placed screen on submit if they select pay on pick-up

3.2 Payment Processing

Cobblestone Cafe

login/register

Paypal? Checkout

Name:

Address:

City:

Card Number:

Cvc:

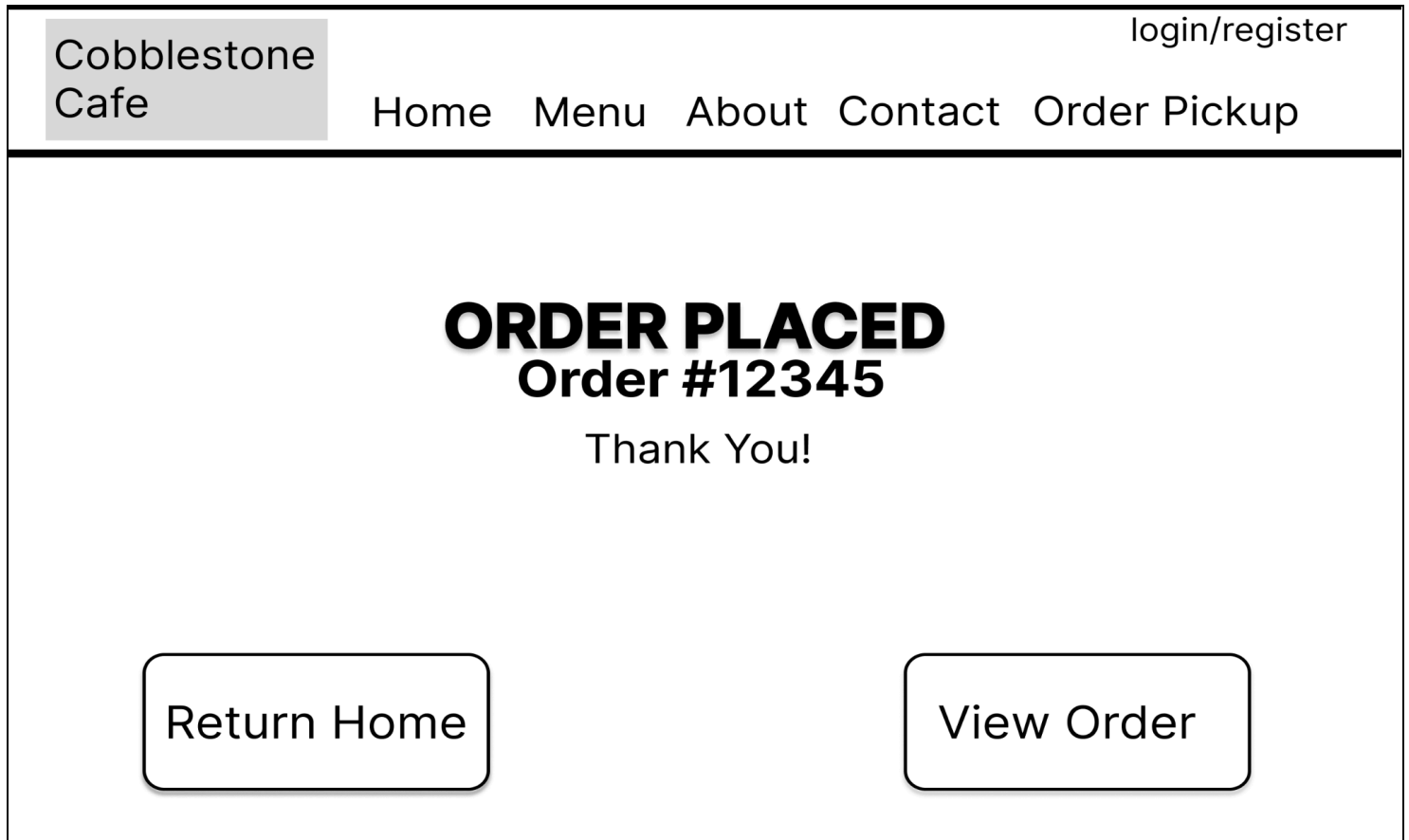
Add More

\$17.45

Payment Processing Modal offers users a secure and convenient way to make online payments, and input billing information for order processing.

- Users can input their billing information, including card details or PayPal credentials.
- Users can confirm the payment and proceed to complete the transaction.
 - Navigates to **Order Placed** page once payment is processed
- Provides error handling for payment failures or incorrect information.

4. Order Placed



serves as quick access to view recent orders and navigate back to the home screen with the provided buttons

- View order button that navigates to **User Profile** order history
- **Return Home** button to navigate back home

5.1 Admin

Cobblestone Cafe		login/register				
Home		Menu	About	Contact	Order Pickup	
ID	Name	Phone	Time	Type	Status	Details
1	Jake B	651-328-9798	1/3/24-10:30 Am	online		

allows administrators to view a table of orders, access detailed information, and perform actions such as editing, deleting, and marking orders as complete.

- Not accessible from DOM, can only be accessed from private route
- Displays a table with all orders.
 - Columns include: Order ID, Customer Name, Phone Number, Payment Type.
- For each order, there is a **"Details"** button.
 - Clicking the **"Details"** button opens a view with additional information about the order
 - Provides the ability to make changes to the order, delete it, or mark it as complete.

5.2 Admin Details

Cobblestone Cafe

login/register

Home

Menu

About

Contact

Order Pickup

ID	Name	Phone	Time	Type	Status	Complete
1	Jake B	651-328-9798	1/3/24-10:30 Am	Online		

Quantity	Price	Items	Notes	Edit	Delete
1	12.99		no onions		
1	12.99		extra onions		

Total: \$25.98

This Admin Details Page gives administrators the tools to view, edit, mark orders as complete, and delete individual orders, and provides access to all possible order information.

- **Administrators** can view of all possible **Order Details**
 - customer name, phone number, payment type, and additional information about the order items.
- **Administrators** can make changes to specific order details
 - **Administrators** have the option to mark the order as complete once it's ready for pickup or delivery.
 - Offers the ability to delete the order from the system if necessary.

6. User Profile

Cobblestone
Cafe

login/register

Home

Menu



About

Contact

Order Pickup

Cobblestone Profile

Order History

ID	Date	Status	Total	Details
1	1/3/24		\$23.50	

User Profile Page offers users the ability to review their order history

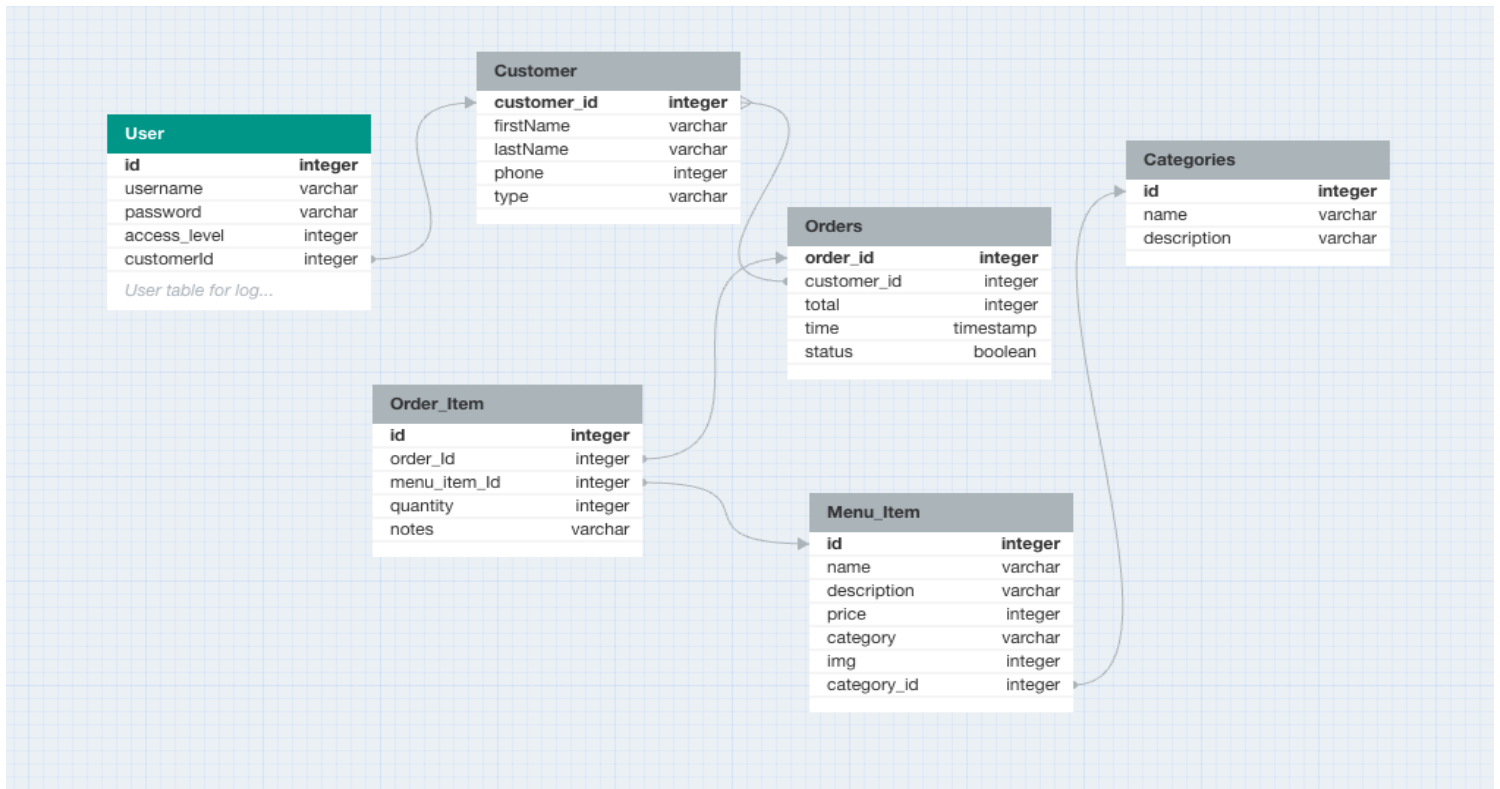
- Recent **Order History** Table Displays a table with the user's recent order history.
 - Columns include: Order ID, Date, Total Cost, Status.
 - For each order, there is a "**Details**" button to view specific items ordered

Milestones and Schedule

Milestone	Hours Est	Due Date	Base or Stretch
Create Database and Tables	3	2/5/24	base
Test Database with placeholder data	3	2/6/24	base
Create all base component skeletons and nav routes	3	2/6/24	base
Test route to render menu items to order pickup view	2	2/6/24	base
Create basic menu item card with details chip	2	2/7/24	base
Get proper info rendering on cards with details modals popping from details chip	2	2/7/24	base
Basic details modal	2	2/7/24	base
Category selector drop down routes	3	2/8/24	base
Category selector front end functionality	3	2/8/24	base
Dynamic cart that renders new number when item is added	2	2/9/24	base
Basic cart drawer	2	2/9/24	base
Cart edit quantity and delete with redux	3	2/9/24	base
Checkout view on the front end	3	2/10/24	base
Checkout view put routes	3	2/10/24	base
Post route for placing orders	4	2/11/24	base
Basic order placed screen with nav routes	2	2/11/24	base
User Order History	3	2/11/24	base
Admin View front end	3	2/12/24	base
Admin Details view skeleton	2	2/12/24	base

Test Admin Details routes for editing and deleting orders	3	2/12/24	base
Admin Details front end functionality	2	2/13/24	base
Create user profile order history details	3	2/13/24	base
Payment Gateway implementation with placeholder data	3	2/13/24	base
Insert real data into database	3	2/14/24	base
Connect payment gateway to real data	4	2/14/24	base
Style/Complete menu item card	2		stretch
Style/Complete category selector	2		stretch
Style/Complete cart drawer	2		stretch
Style/Complete order placed	2		stretch
Style/Complete admin view and admin details	3		stretch
Put fav buttons on menu item cards with filled toggle	2		stretch
Create favorite boolean in database	2		stretch
Test and implement favorite put routes	2		stretch
Create and populate user favorites table on user profile page	3		stretch
Style header with cobblestone logo	2		stretch
Create nav routes and populate menu view with traditional menu screenshot	2		stretch
Create nav routes and make about view skeleton with basic info	2		stretch
Embed gps on about page with directions to restaurant	3		stretch
Embed google/yelp reviews on home and about page	3		stretch
In-Depth styling	∞		stretch

Database Documentation



<https://erd.dbdesigner.net/designer/schema/1706651271-cobblestone>

Browsers

Application will fully support browsers listed below. All browsers or versions not listed below are considered out of scope.

Browser Name	Mobile or Desktop?	Version
Example : Chrome	Desktop	Version 96.x

Technologies

- Node
- React
- Express
- Postgresql
- Redux
- Axios
- Material UI
- SweetAlert2
- Heroku
- Stripe
- Passport
- CORS
- Luxon
- Nodemon
- Vite

Spike

Synopsis: Testing Stripe Payment Gateway

Deliverable: I have successfully integrated Stripe payment processing with hard-coded items and am able to process payments through my Stripe developer dashboard. However, I need to do further research on how to implement my own items dynamically.

<https://github.com/JakeBuroker/solo-spike-planning>