Guac N Roll

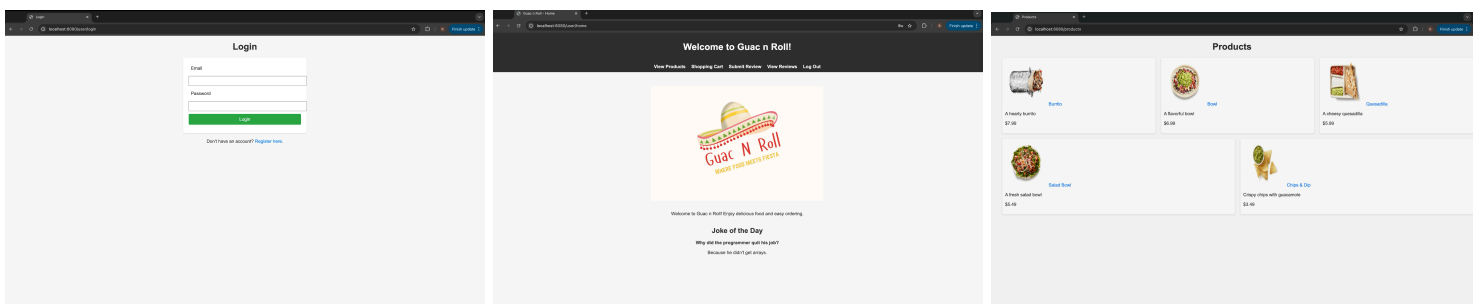https://github.com/SreyVenk/Guac-and-Roll

Table of Contents

User Title

User (Sreyes)

Use Cases:
1. Create account
2. Login with account
3. View Products
4. Add Product to Cart and edit Cart contents and choose delivery/pick-up
5. Checkout
6. View Reviews page and add new Review and Rating
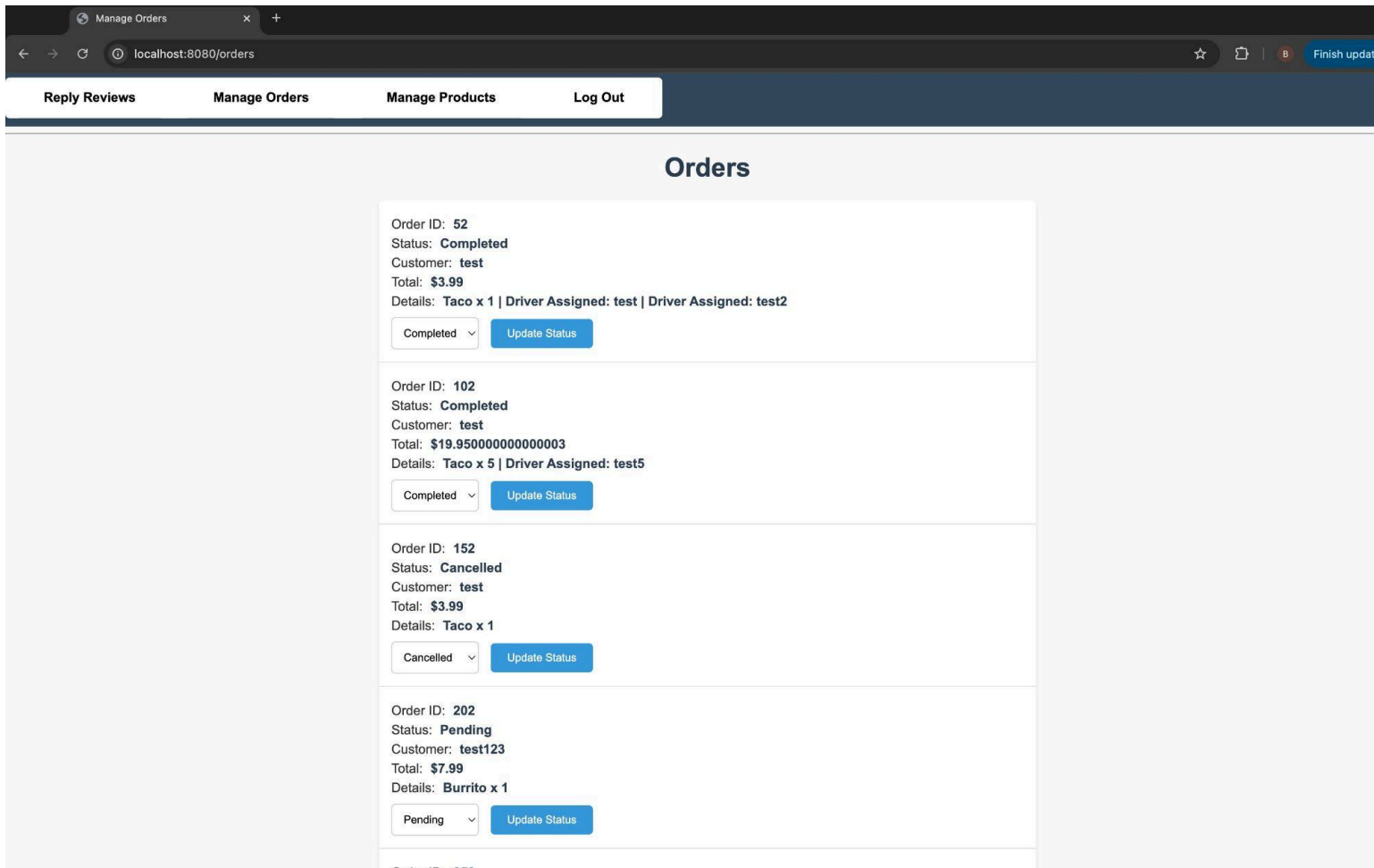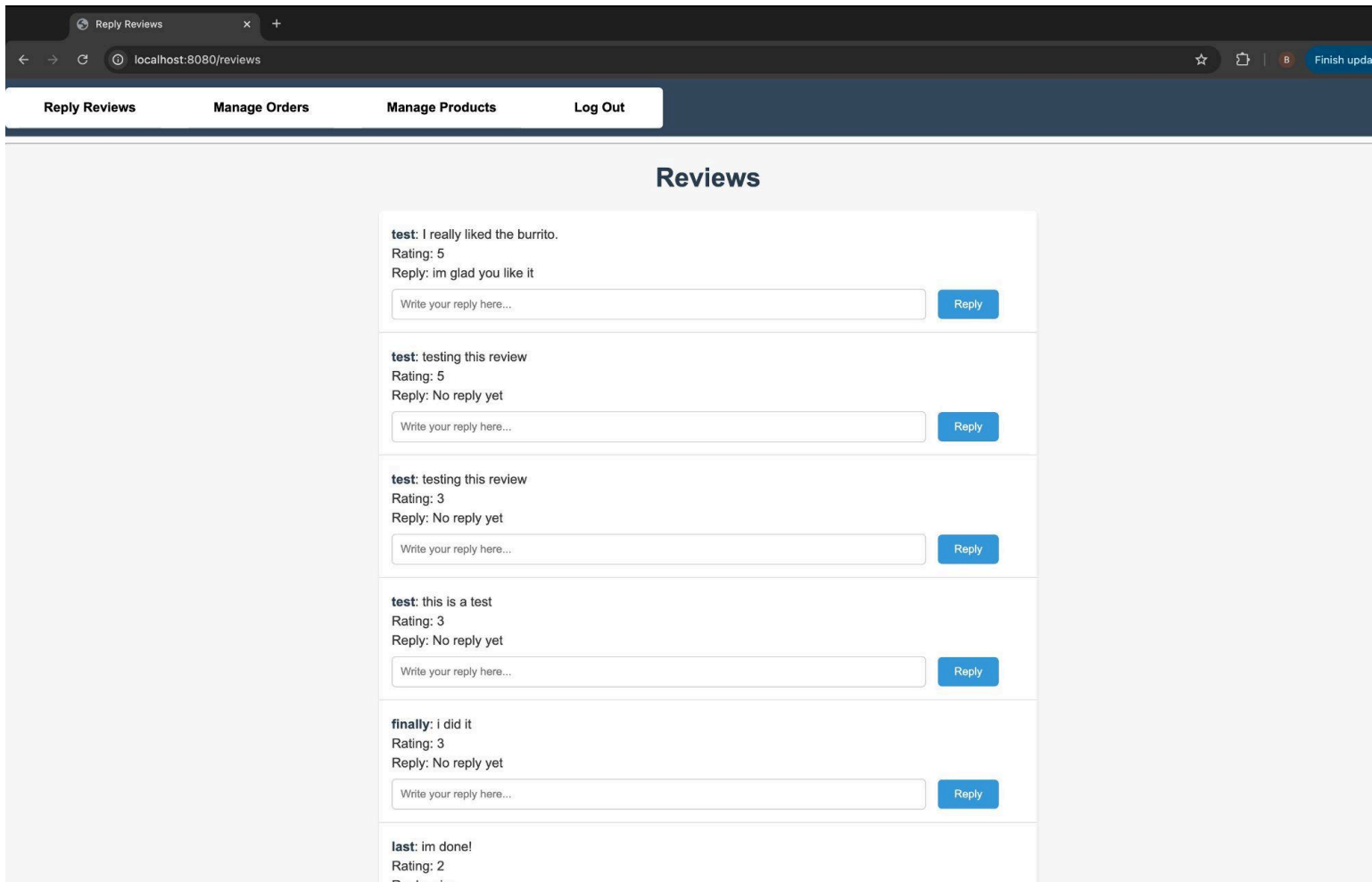7. Logout

Screenshots:

Provider Title

Provider (Ben)

Use Cases:

Screenshots:

The provider can view orders and order details, update the status of an order (cancelled, completed), and navigate towards other pages from the top bar.

The provider can also reply to a customer review, interacting with the customer! If there was a great review or a bad review, the provider can provide the user with an exchange through the review section.

localhost:8080/provider/manage   B   Finish updat

Description:

Price:

Image URL:

Stock:

Add Product

Existing Products

Image	Name	Description	Price	Stock	Actions
	Burrito	A hearty burrito	$7.99	37	Delete Edit
	Bowl	A flavorful bowl	$6.99	10	Delete Edit
	Quesadilla	A cheesy quesadilla	$5.99	10	Delete Edit
	Salad Bowl	A fresh salad bowl	$5.49	20	Delete Edit
	Chips & Dip	Crispy chips with guacamole	$3.49	10	Delete Edit

BACK TO HOME

The provider can also make changes to the main products page where all of the menu items are displayed. The provider can edit a menu item, such as the price or the stock of the item, as well as the product's name, and can even delete the item off the menu entirely. The provider can also add a new product to the menu.

Distributor Title

Distributor (Devon)
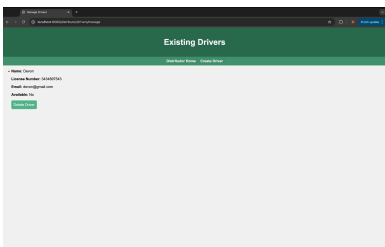
Use Cases:
1. Add, edit, remove delivery drivers
2. Assign drivers to an order
3. Restock products

Screenshots:

Use case 1:

Use case 2:

Use case 3:

Admin Title

Admin (Jacob)

Use Cases: The ability to manage users accounts and their reviews. The admin can edit a review or delete it. The admin can also suspend or ban a user under the admin's discretion.
Scenarios with Screenshots:

Manage Reviews

ID	Customer Name	Comment	Rating	Actions
102	test	I really liked the burrito.	5	Edit Delete
152	test	testing this review	5	Edit Delete
153	test	testing this review	3	Edit Delete
202	test	this is a test	3	Edit Delete
252	finally	i did it	3	Edit Delete
352	last	im done!	2	Edit Delete
404	Sunny	I like this food.	5	Edit Delete

The Admin is able to see reviews and which user posted the review, with the ability to edit a user's review (the actual comment and the rating) along with being able to delete a user's review.

Admin Statistics

Total Users: 8

Total Providers: 1

User Details

Email	Banned	Suspended
test@gmail.com	No	No
admin@gmail.com	No	No
provider@gmail.com	No	No
distributor@gmail.com	No	No
test2@gmail.com	Yes	Yes
lasttest@gmail.com	No	No
dad@gmail.com	No	No
example@gmail.com	No	No

Back to Admin Dashboard

The admin is also able to see usage statistics on the website such as the number of signed-up users, the number of providers currently for the website along with a list of the users and their current status (banned or suspended).
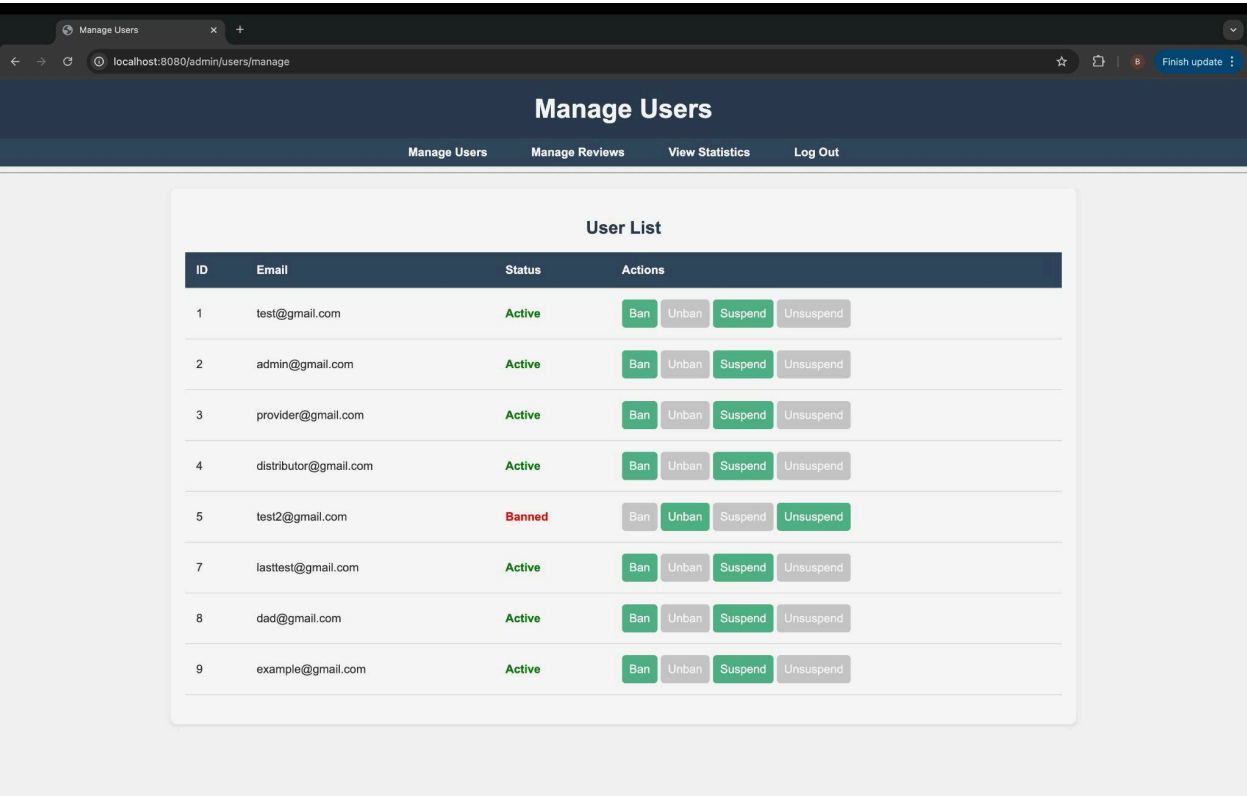
The admin is also able to directly ban or suspend a particular user directly from the user list, as well as unban or unsuspend a user. All of these and the prior functions update correctly in the database for the website.

Design Document

Guac N Roll

10/31/2024

Version 1

Jacob DeBroder, Devon Moskowitz, Benjamin Revelo and Sreyes Venkat

1. Project Overview

The goal of the Guac N Roll web application is to provide customers a convenient and fast way to order food from a variety of Mexican inspired dishes. Customers will be able to go through the menu and add menu items to order, and if they prefer to edit a particular menu item, they can make changes as well. The

web application is an interactive website, users will be able to review food items and view other customers' reviews. Customers will also have their own Rewards points system, accruing points proportional to every purchase amount, and those points can in turn be used to buy food items. The web application also provides users a shopping cart that allows customers to keep track of their order, shows subtotal price as the customer builds their order, and has the option to edit or delete an item in the shopping cart. The System Admin is responsible for website moderation and making appropriate website changes if needed.
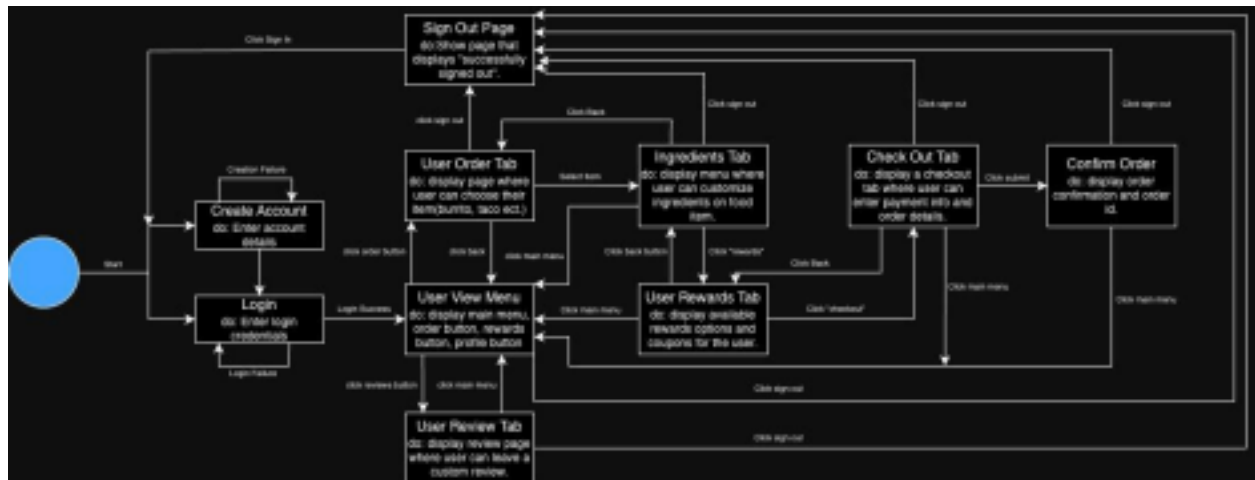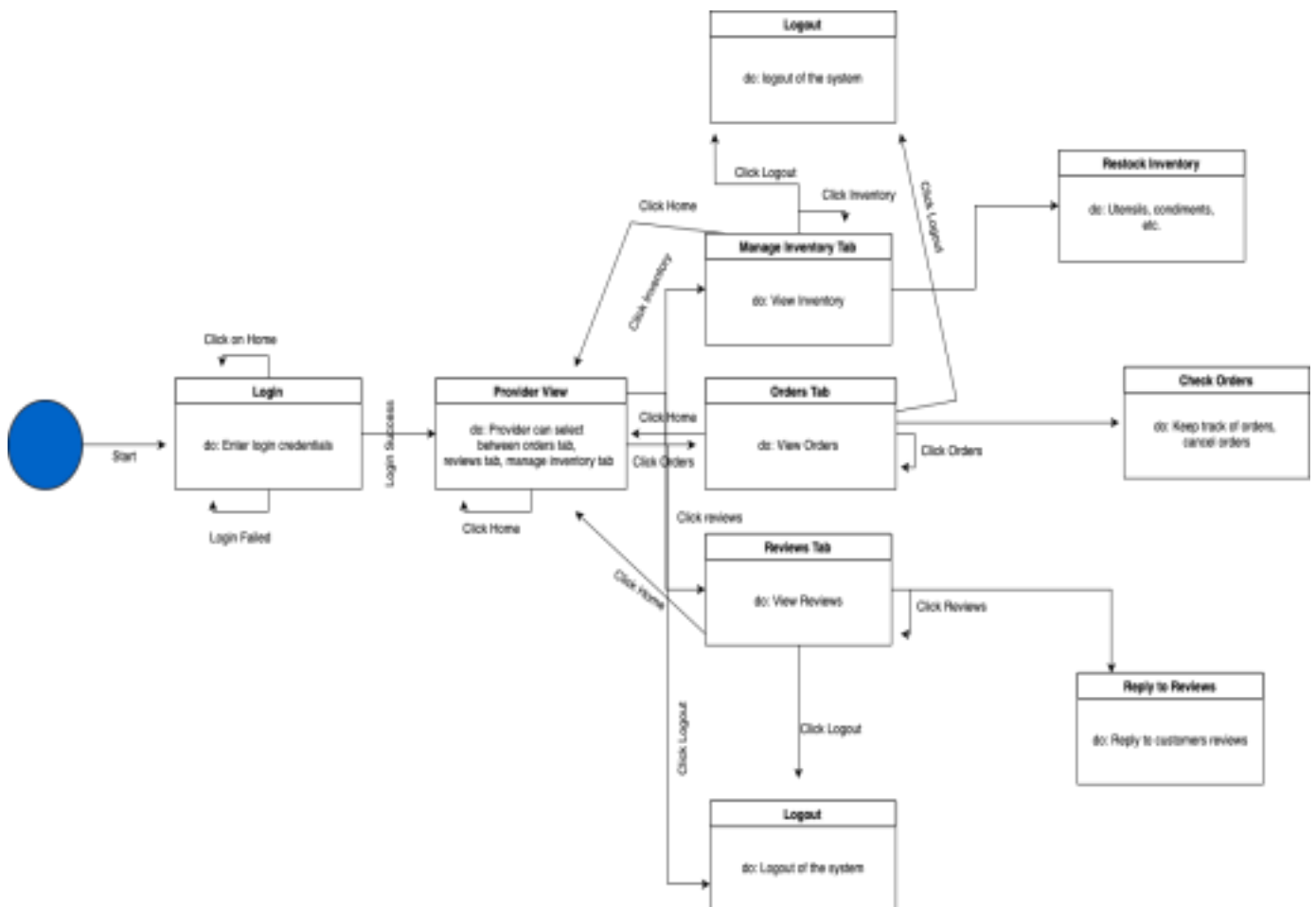
2. Use-Case Model

3. State Machine Diagrams
   a. Admin – Jacob DeBroder - Changes made for final presentation was added the ability to view usage statistics for Admin.
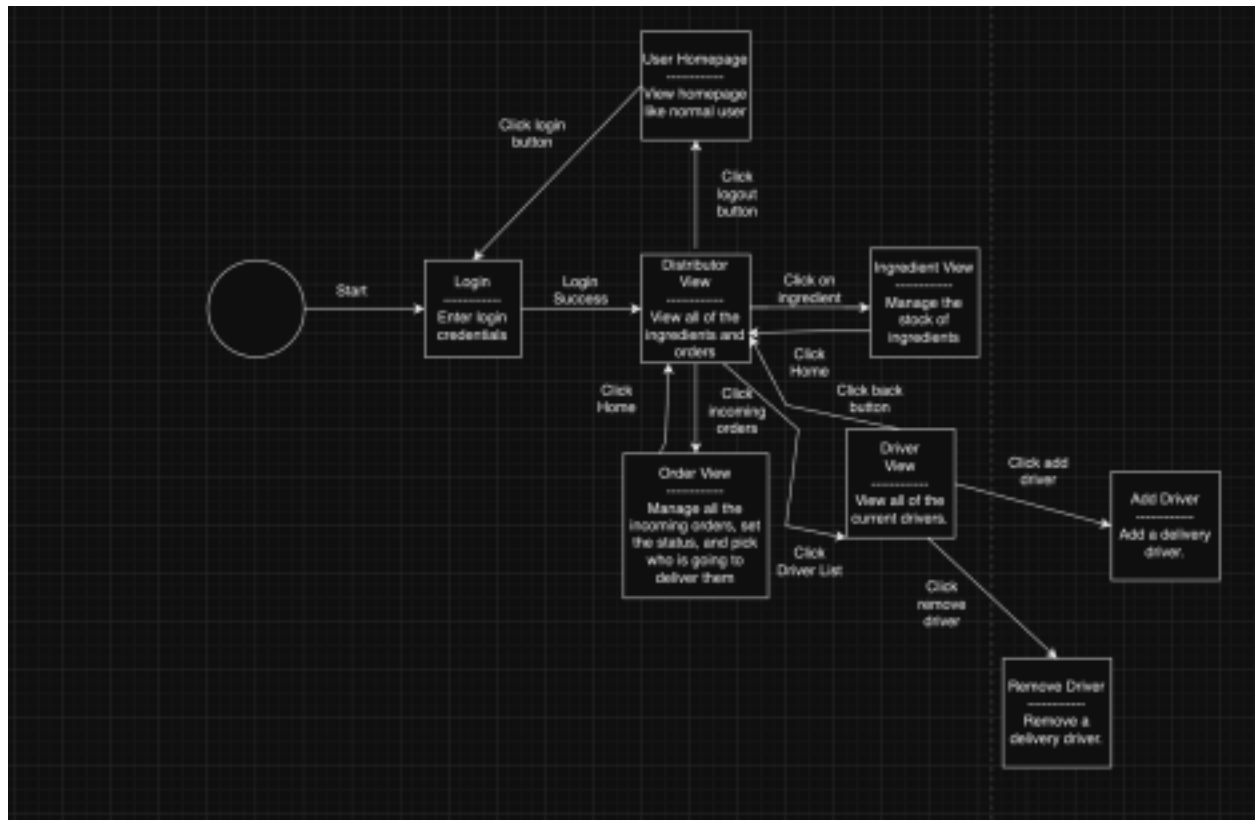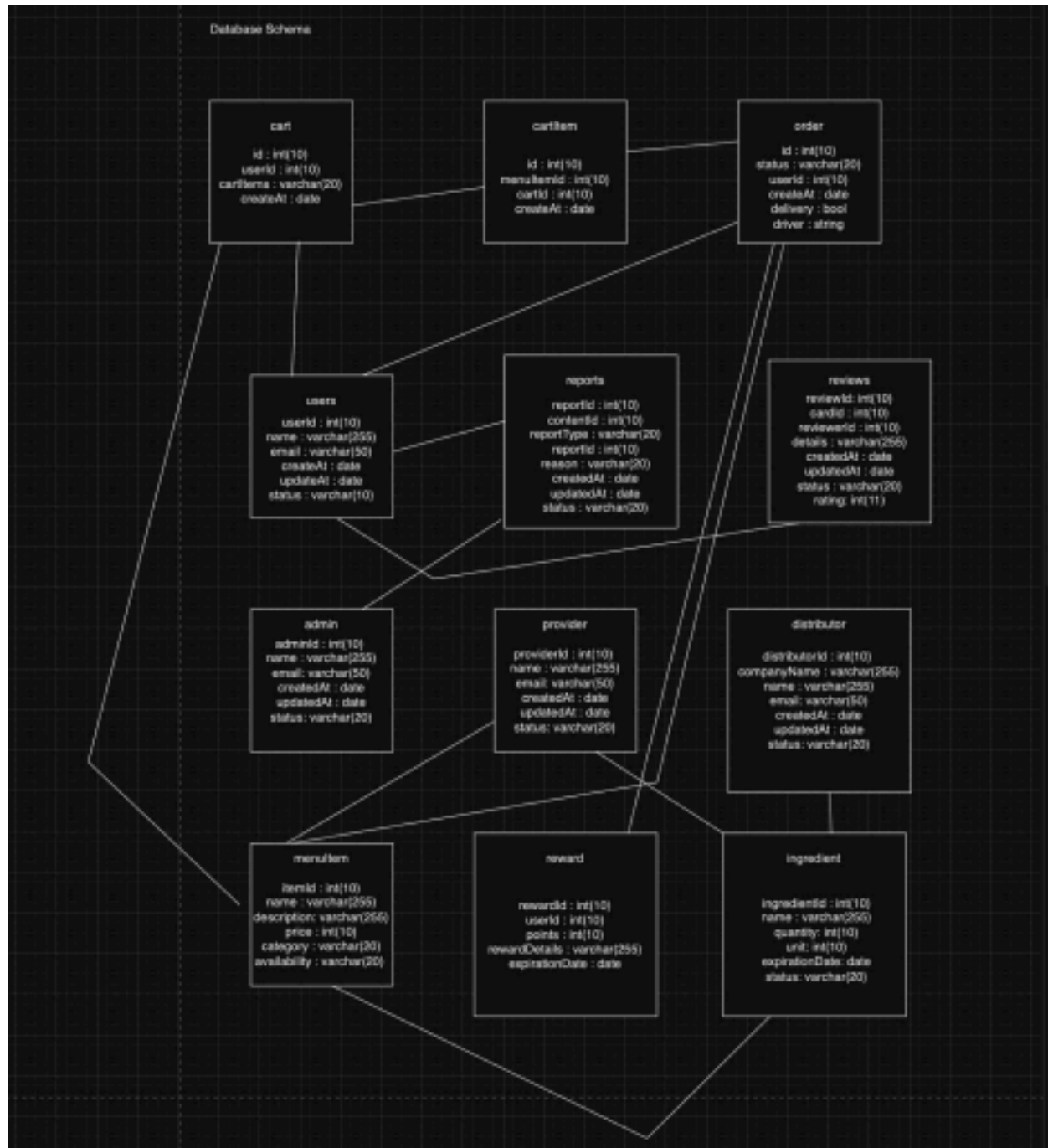## 4. User – Sreyes Venkat

5. Provider – Benjamin Revelo

6. Distributor – Devon Moskowitz

7. Database Schema

8. Software Architecture

Model

Model   CRUD Operations and database connections

User	Order	MenuItem	Ingredient
Cart	Review	Reward	Reports

Relational Database

Requests DB data/CRUD Operations

Text

Controller

Controller

Auth Controller
Handles user login and registration
Manages views based on user type

User Controller
Manages interactions related to user activities
Handles profiles
Manages order history
Allows users to view and redeem rewards
Handles adding items to cart and viewing menu

Admin Controller
Manages admin functions
Approves or rejects user reviews
Views reports
Monitors website functionality

Order Controller
Manages orders
Handles order creation, updates and cancellations
Keeps track of orders

Cart Controller
Manages shopping cart
Adds, updates or removes items in cart
Clears cart upon order completion
Displays cart details to user

Provide Controller
Handles provider operations
Updates ingredients
Manages menu items
Responds to reviews
Can make changes to website

Distributor Controller
Manages distributor interactions
Manages giving ingredients to restaurant

selects appropriate view

View

View

User	Provider	Distributor	Admin
Menu View	Supply View	Inventory View	User View
Cart View	Menu View	Delivery View	Menu View
Order View	Ingredient View		Reports View
Profile View			Review View

User interacts with view according to their account type