**Vanier College**

**Faculty of Science and Technology**

**eCommerce**

**420-411-VA (Sect. 00001)**

**Project Report  
Riffat’s Cuisine**

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# Prototype

A screenshot of a cell phone

Description automatically generated

# Requirements

## Functional Requirements

### Logo/ Splash screen

A red and white logo

Description automatically generated

### Login and Signup

A screenshot of a login

Description automatically generatedA screenshot of a menu

Description automatically generated

### User Credentials Authentication

We check user input to ensure everything is okay, using snackbar messages if there's an issue.

### User Profile Settings

#### Account Settings

A screenshot of a menu

Description automatically generated

#### Change Pic

A screenshot of a menu

Description automatically generated

### Home Page

A screen shot of a cell phone

Description automatically generated

### Navigation Menu (Bottom bar and Drawer)

A red and white sign with a white cross and a white text

Description automatically generatedA screenshot of a phone

Description automatically generated

### Database

Using both the user database and the menu database. The user database assigns roles and creates accounts for users to access the application. The menu is used for products that the customer and admin interact with.

The user database includes user ID, username, email, first name, last name, password, and an "is admin" indicator. The menu database includes item ID, name, type, description, and price.

## Non-Functional Requirements

### API Fetching, Location awareness

Tried using the Google Maps API initially for both API fetching and location awareness but later switched to Weathermap. However, the Weathermap API is not implemented as it couldn't be made operational.

### Notifications

Decided not to include notifications in the application due to a lack of identified use or time constraints.

# Missing Information for Project Report

As information for project report was delayed and most things weren’t developed this project report does not contain

* User Cases
* User Stories
* Test Cases

# Database Connectivity

Using SQLite for database connectivity, I've created a User Database with fields like user ID, username, email, first name, last name, password, and an "is admin" indicator. Additionally, there's a Menu Database with fields such as item ID, name, type, description, and price. These databases help manage user accounts and menu items for your application.

# API Calls

Despite including API work in the project, its functionality remains obscured as it couldn't be made operational. Verification of the accurate fetching of weather data and testing the application's response to unexpected API errors are pending due to implementation challenges. Further troubleshooting is required to ensure the seamless integration of the API features.

# Development Process and Roles

Working solo, all responsibilities and tasks were handled independently. The development process commenced by creating numerous functions on a single page or crafting individual functioning pages, later linking them. This approach, however, resulted in a messier and occasionally more challenging way to manage and progress with the project.