

# **Design Document**

**GENU (Great Eats Near U)**

**05/20/2024**

**Version 1**

**Mogoi Matongo, Ashirvad Khanal, Ashish Khanal.**

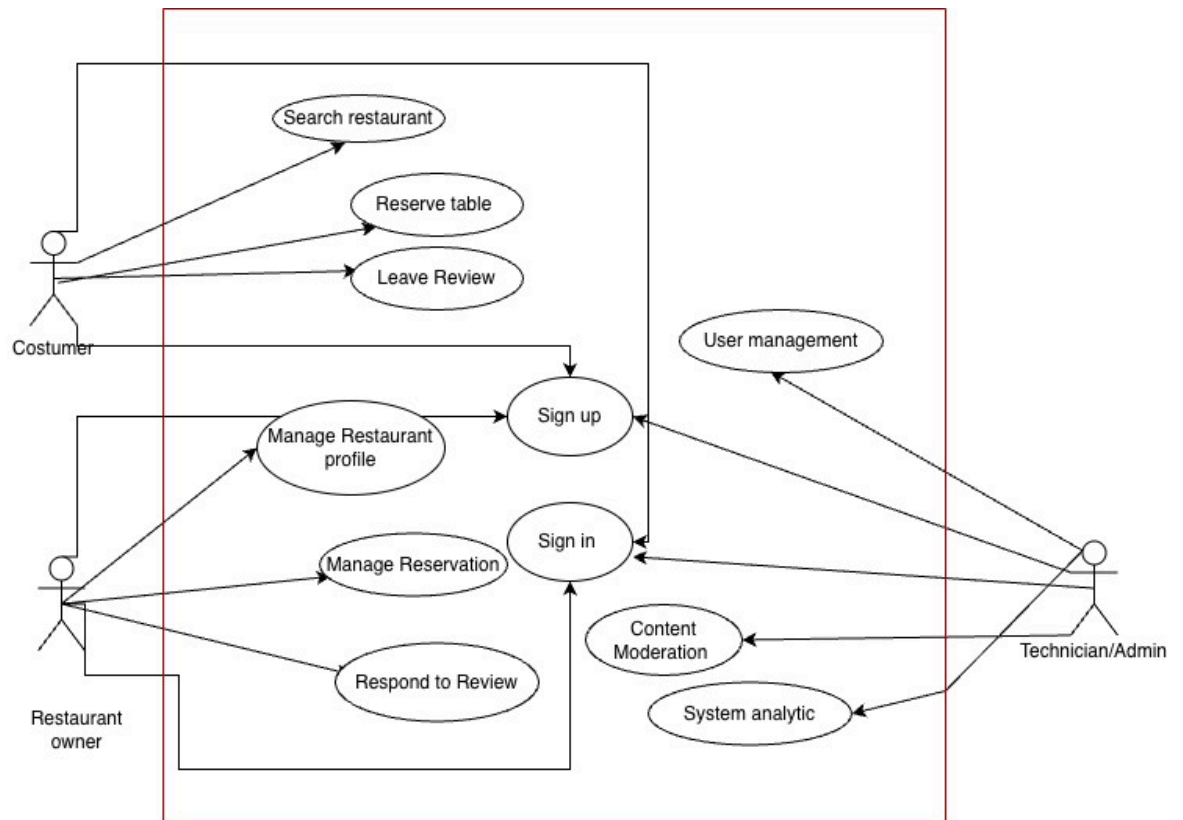
## 1. Project Overview

The Great Eats Near U (GENU) web application aims to connect users to the nearest restaurants with better dining options. This platform enables users to find nearby restaurants, make reservations, and share reviews without hassles. Also, this application is user-friendly and mainly focused on providing users with the best quality services possible in nearby areas.

This application gives restaurant owners a platform to promote and enhance their business experiences by improving sales and customer flow. It allows restaurant owners to manage their restaurant's profile, handle reservations, and respond to customer reviews. Administrators take care of user management, and content upgrades, and moderate and maintain the balanced experience for all users.

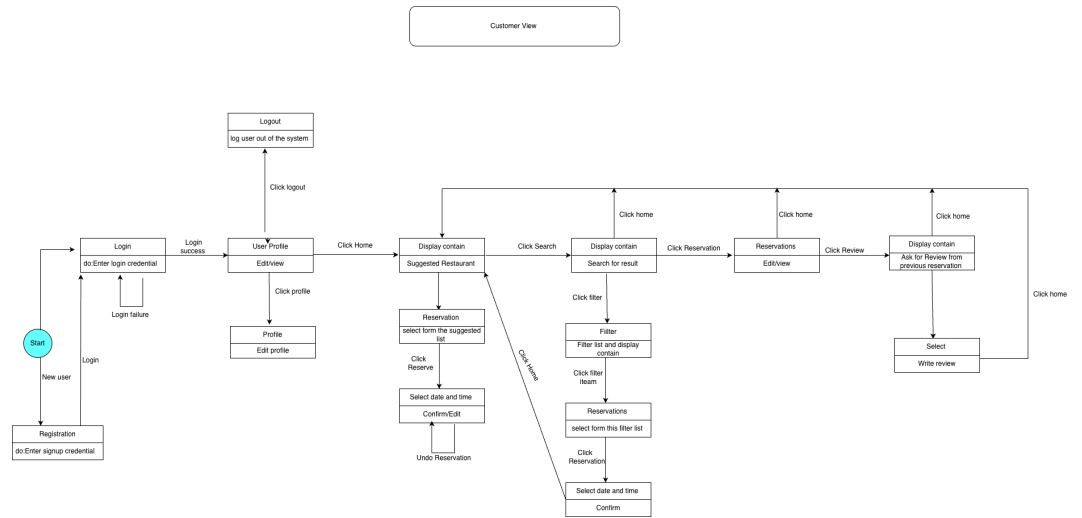
This application also gives the users information about the restaurants like addresses, and contact information, sends email notifications, and allows users to share their thoughts as a review online. The main goal of this Great Eats Near U web application is to find costumes and connect them to the place to eat with fun and easy experiences with fewer hassles.

## 2. Use-case Model

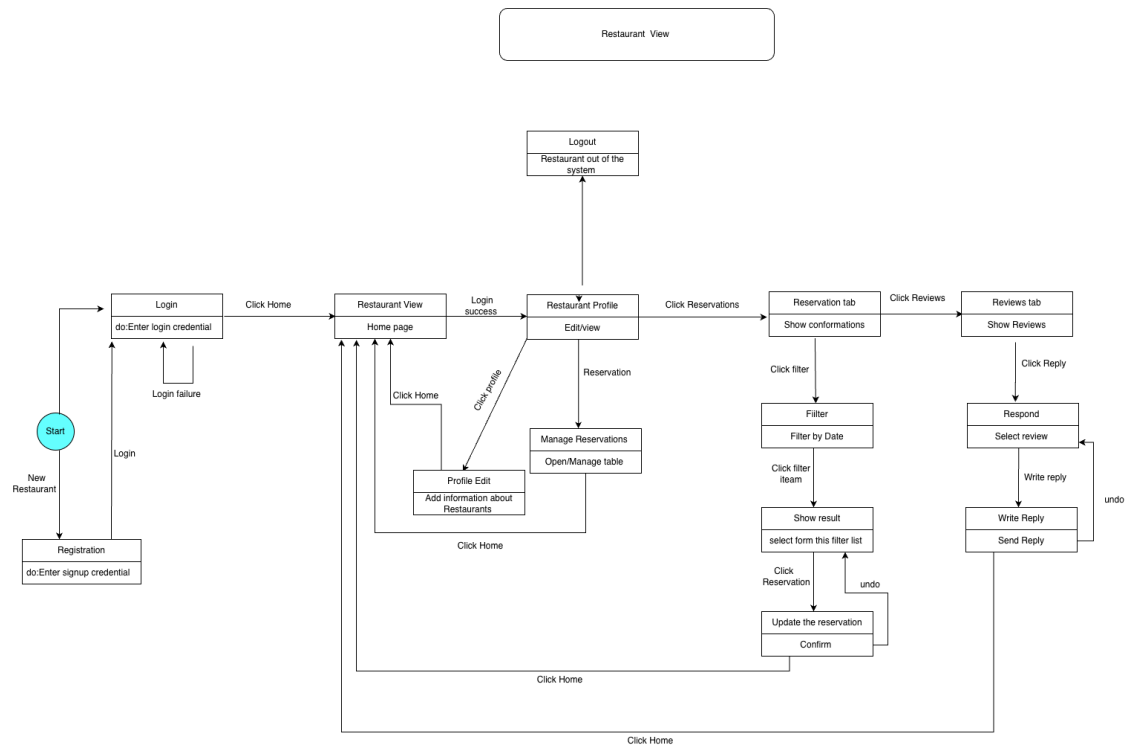


### 3. State Machine Diagram

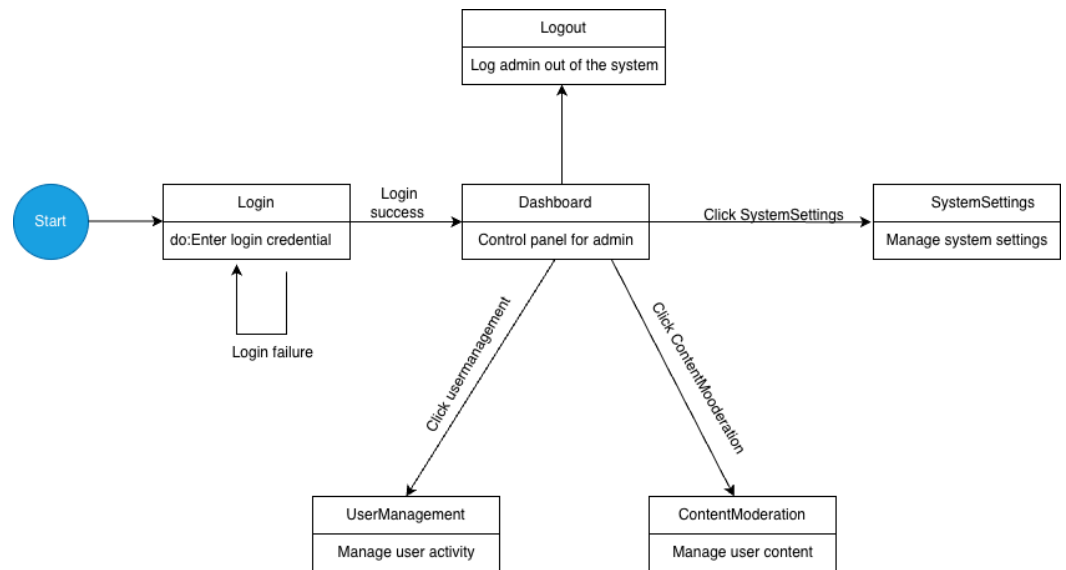
#### a. User - Ashirvad Khanal



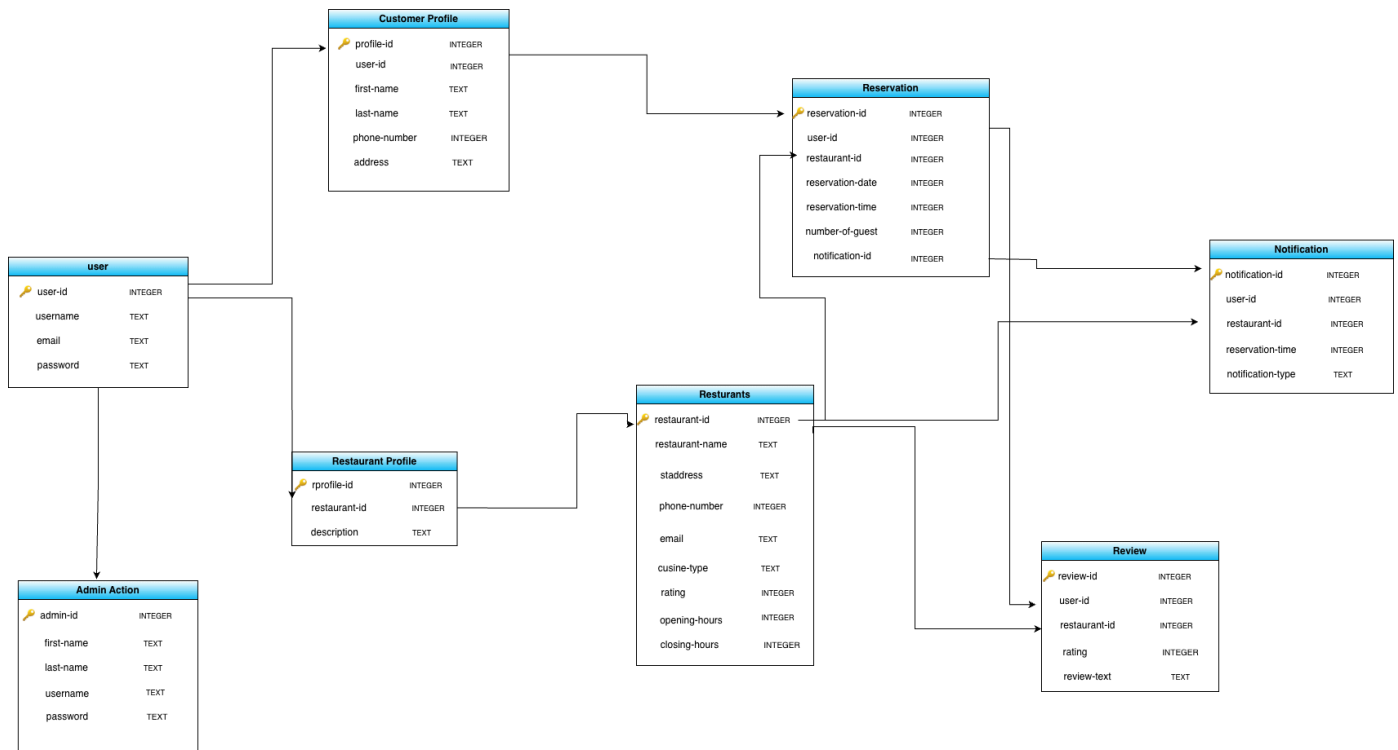
#### b. Restaurant Owner - Ashish Khanal



### c. Admin - Mogoi Matongo



### 4. Database Schema



## 5. Software Architecture - MVC

