

Design Document

G4

10/17/2024

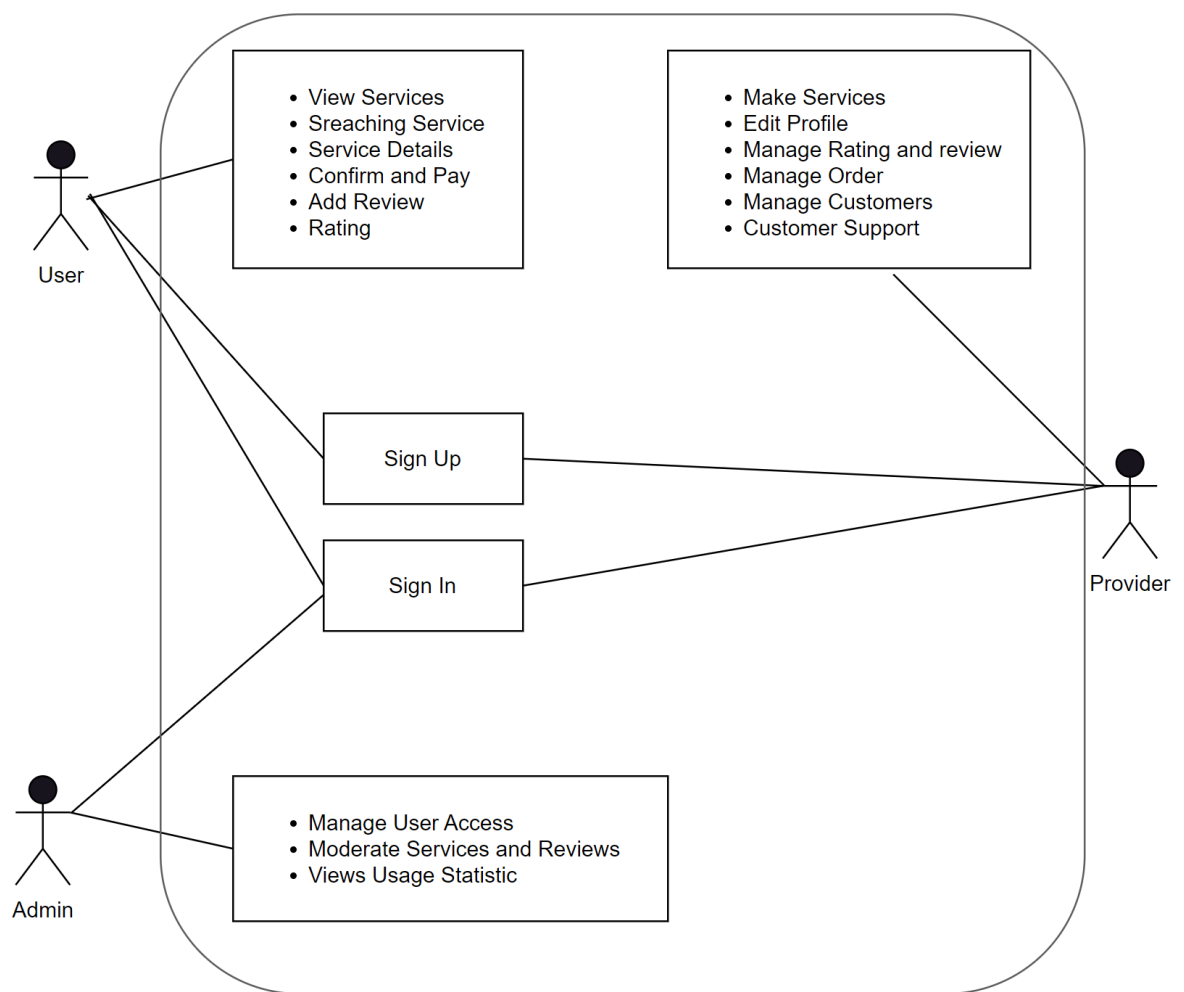
Version 1

Nhung Ngo, Viet Nguyen, Adrian Sam

## 1. Project Overview

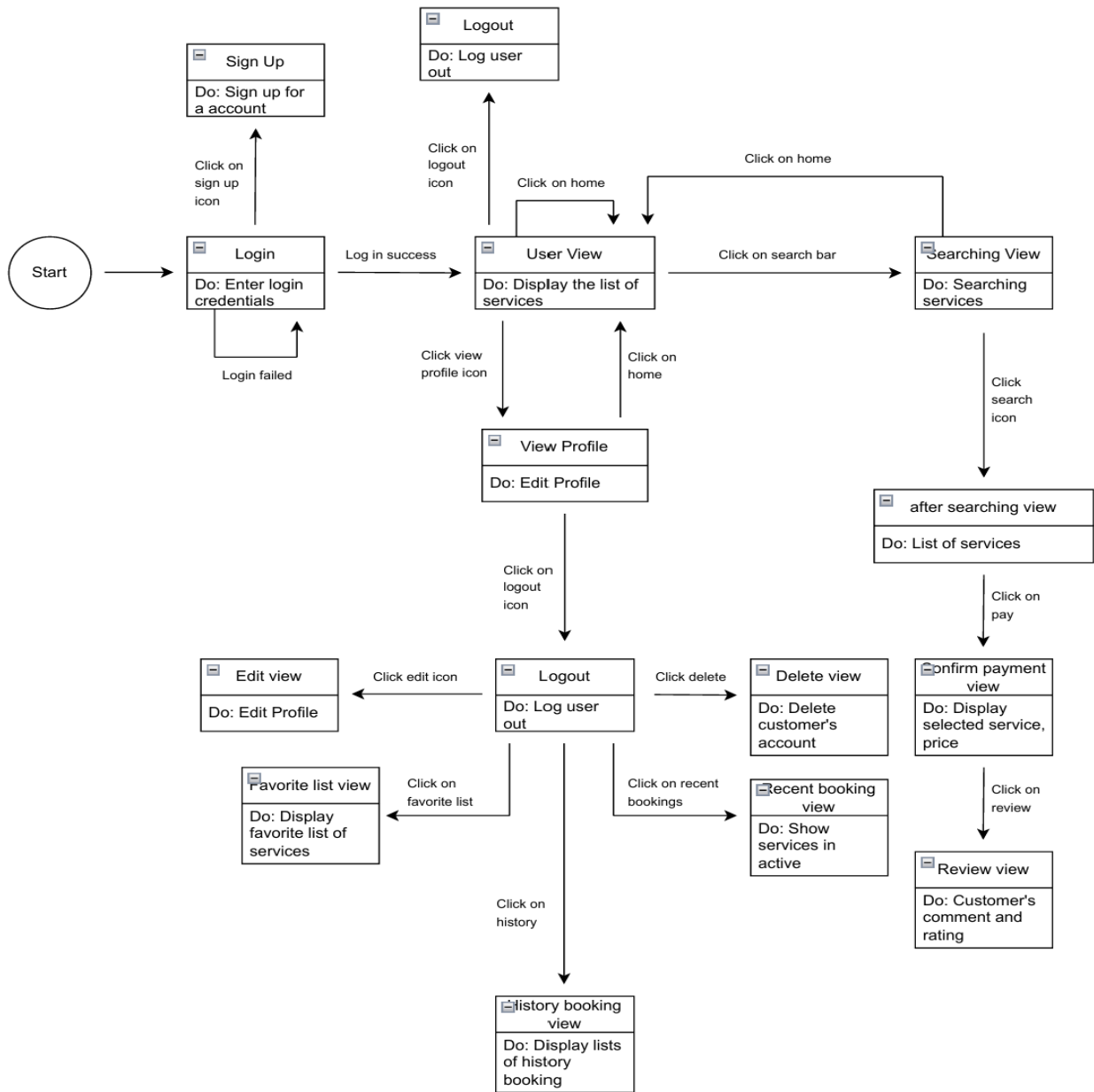
The G4 is a web application that connects customers with service providers for activities such as hiking, zip-lining, and tubing. Customers can browse, filter, and book services, while service providers can create and manage activity listings. Users can also leave reviews for services they have experienced. The platform features a SysAdmin role responsible for managing user and provider access, moderating services and reviews to ensure quality, and monitoring platform usage through a secure dashboard. This ensures a seamless and safe experience for both customers and providers.

## 2. Use-Case Model

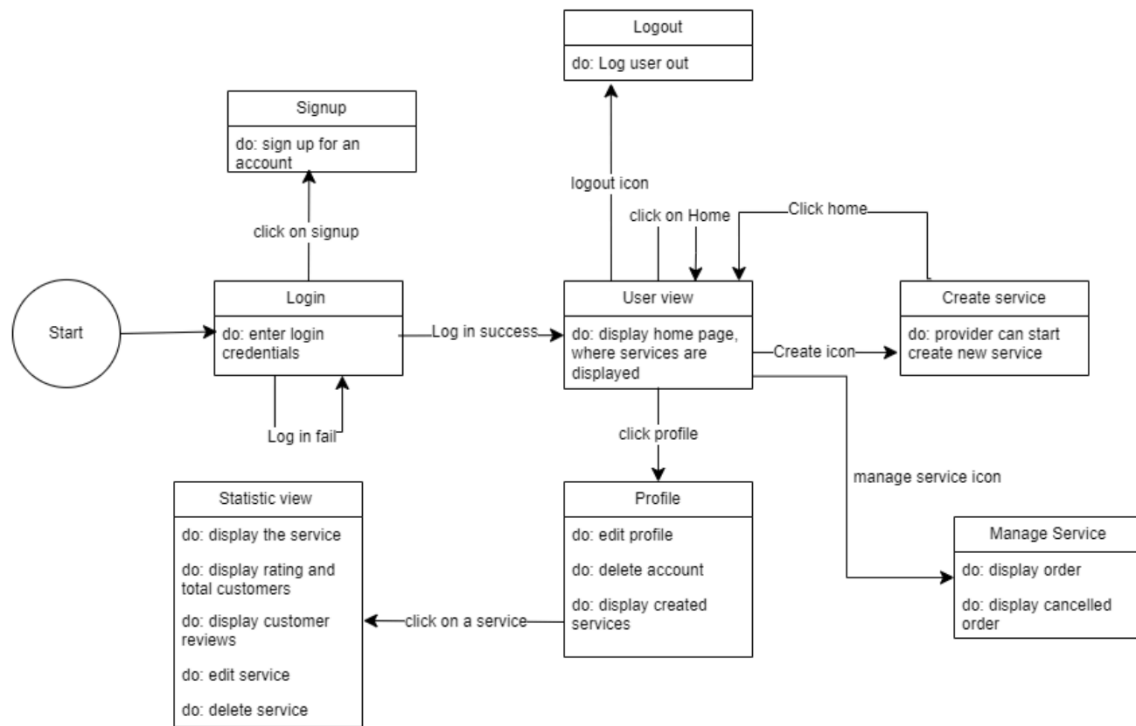


### 3. State Machine Diagrams

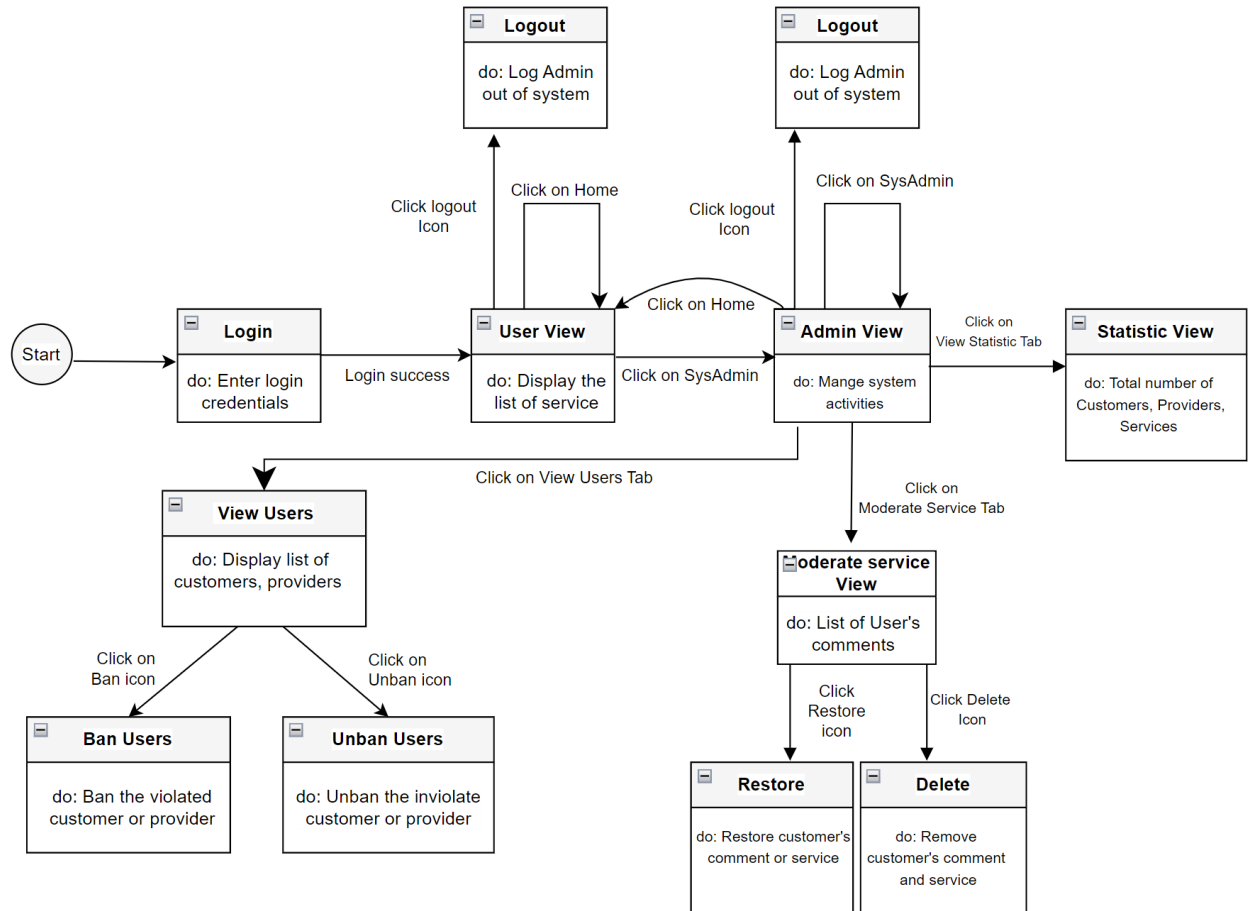
#### a. User – Adrian Sam



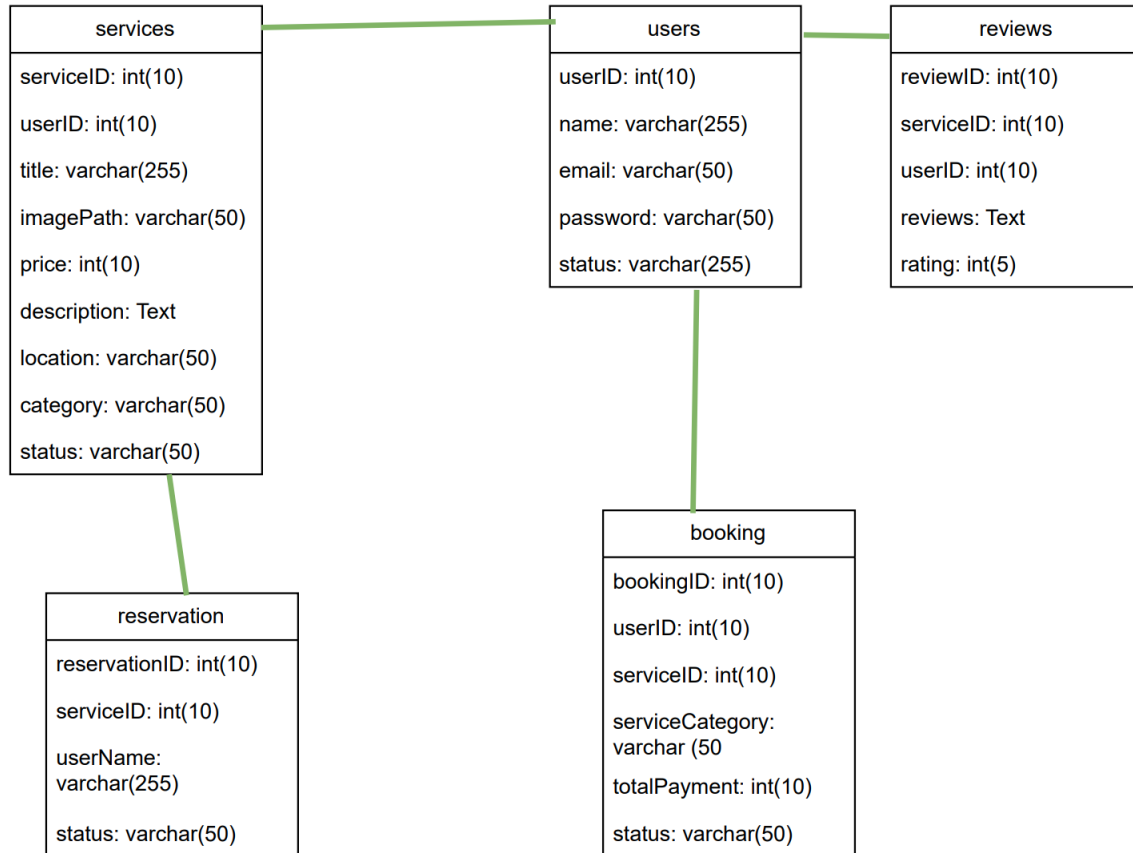
b. Provider – Viet Nguyen



c. SysAdmin – Nhung Ngo



#### 4. Database Schema



## 5. Software Architecture – MVC

