Design Document

SkySave

05/28/2024

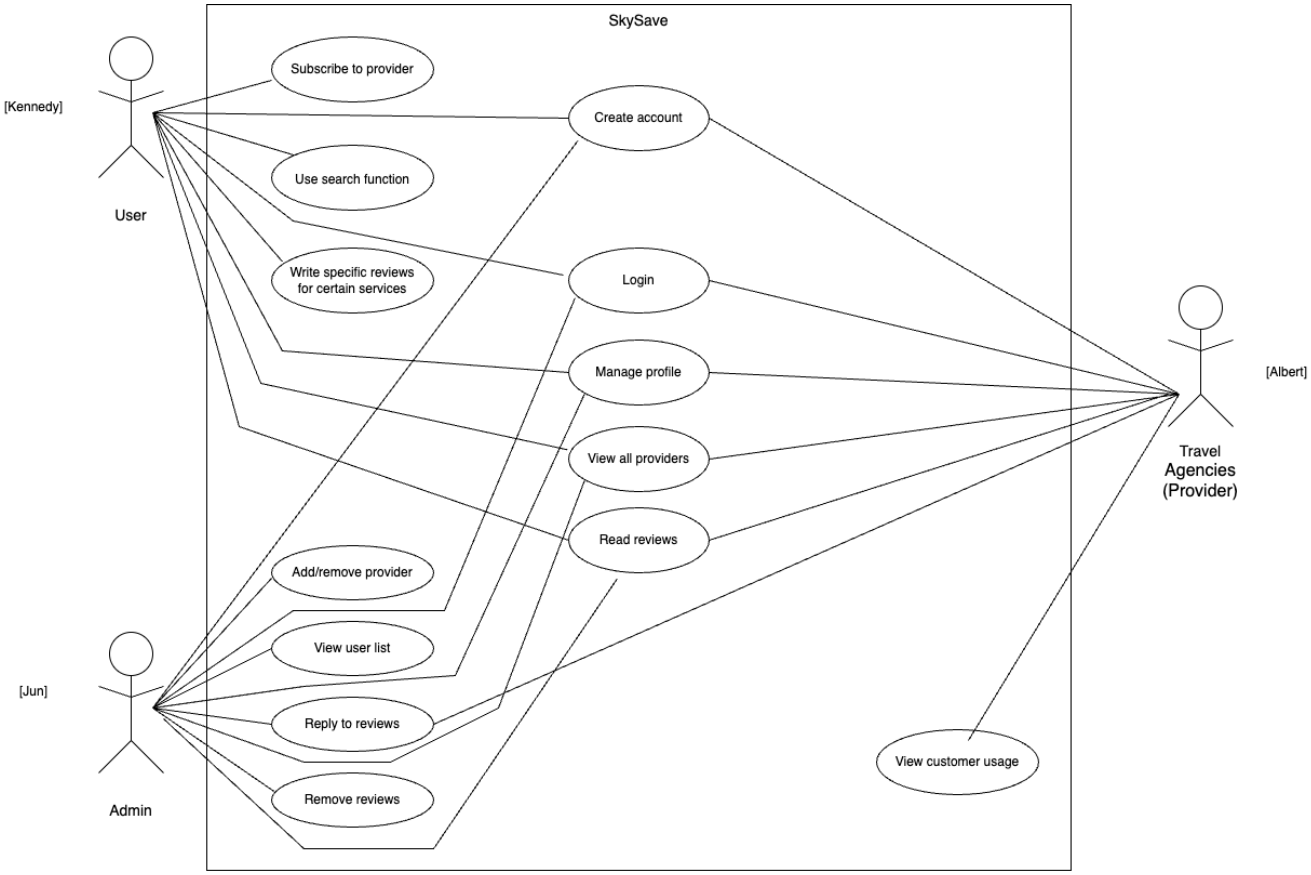
Version 1

Jun Lee (admin), Kennedy Page, Albert Lusk

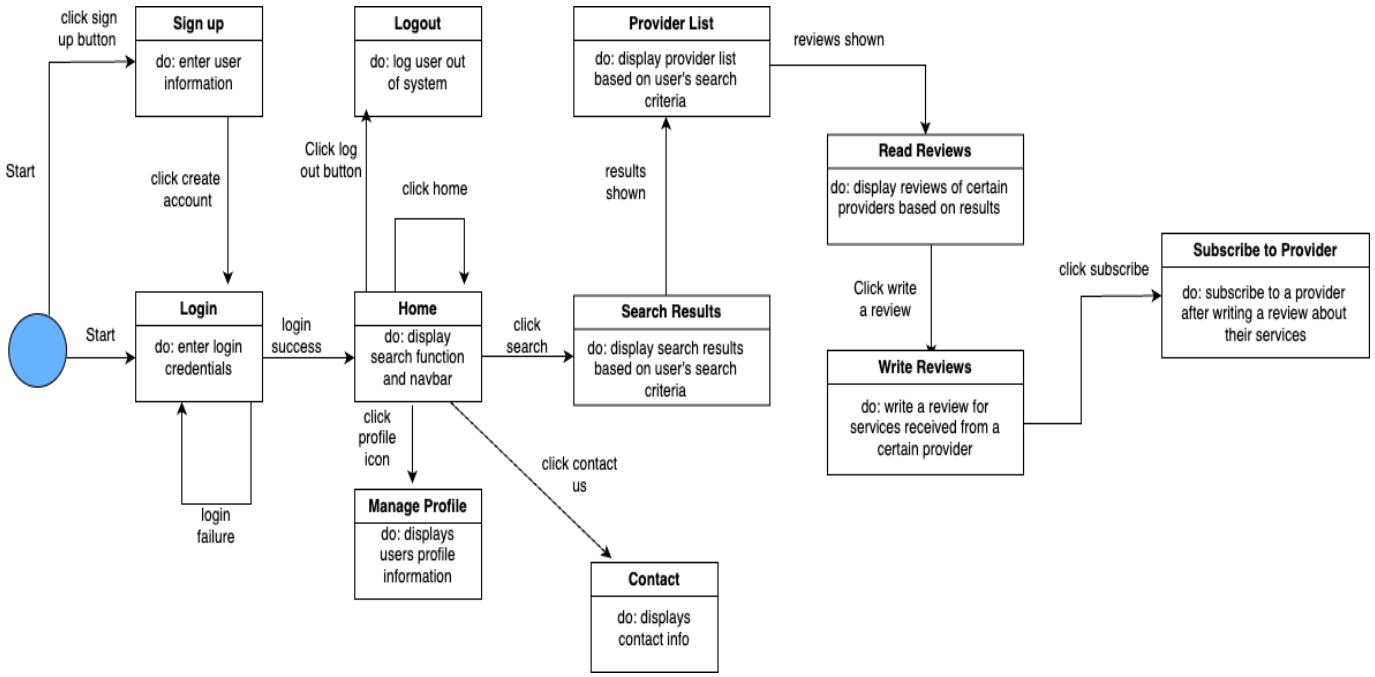
1. Project Overview

SkySave is a web application that is designed to connect users to travel agencies that match the users' criteria. The customer can search for flights, room accommodations, transportation services, and travel packages. The customer will be able to write reviews for travel agencies. SkySave will also allow travel agencies to reply to reviews written by customers.

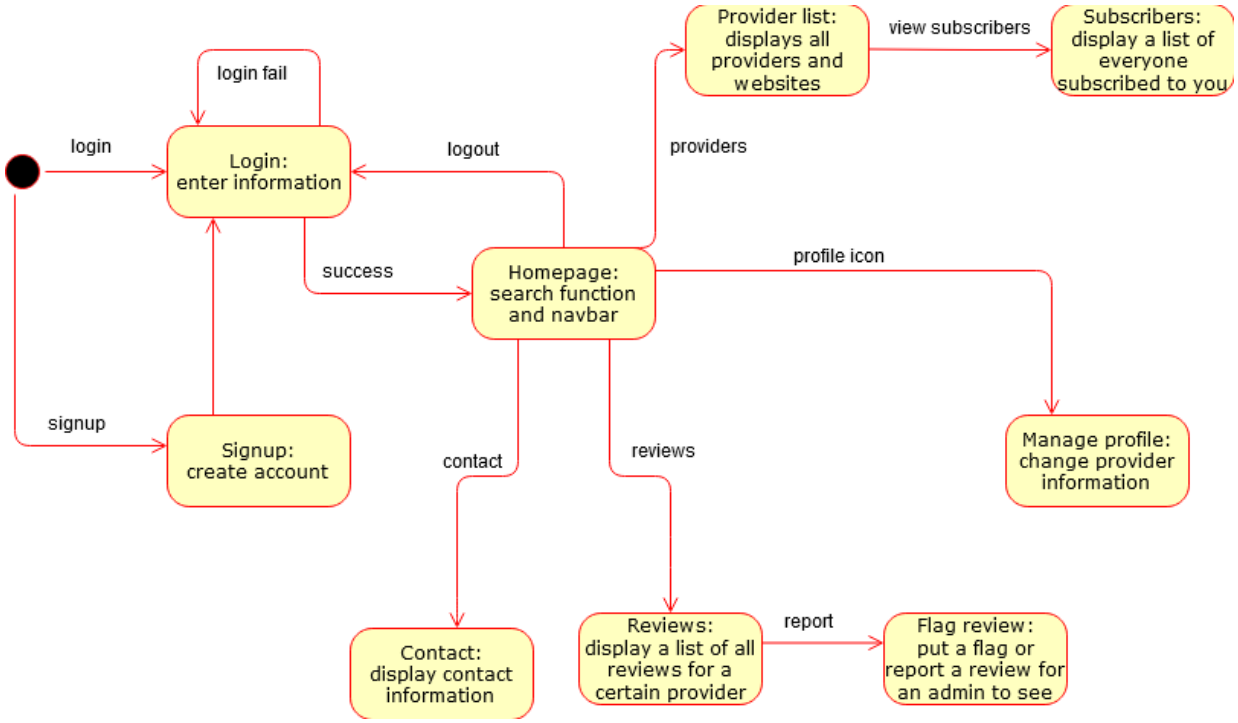
2. Use-Case Model



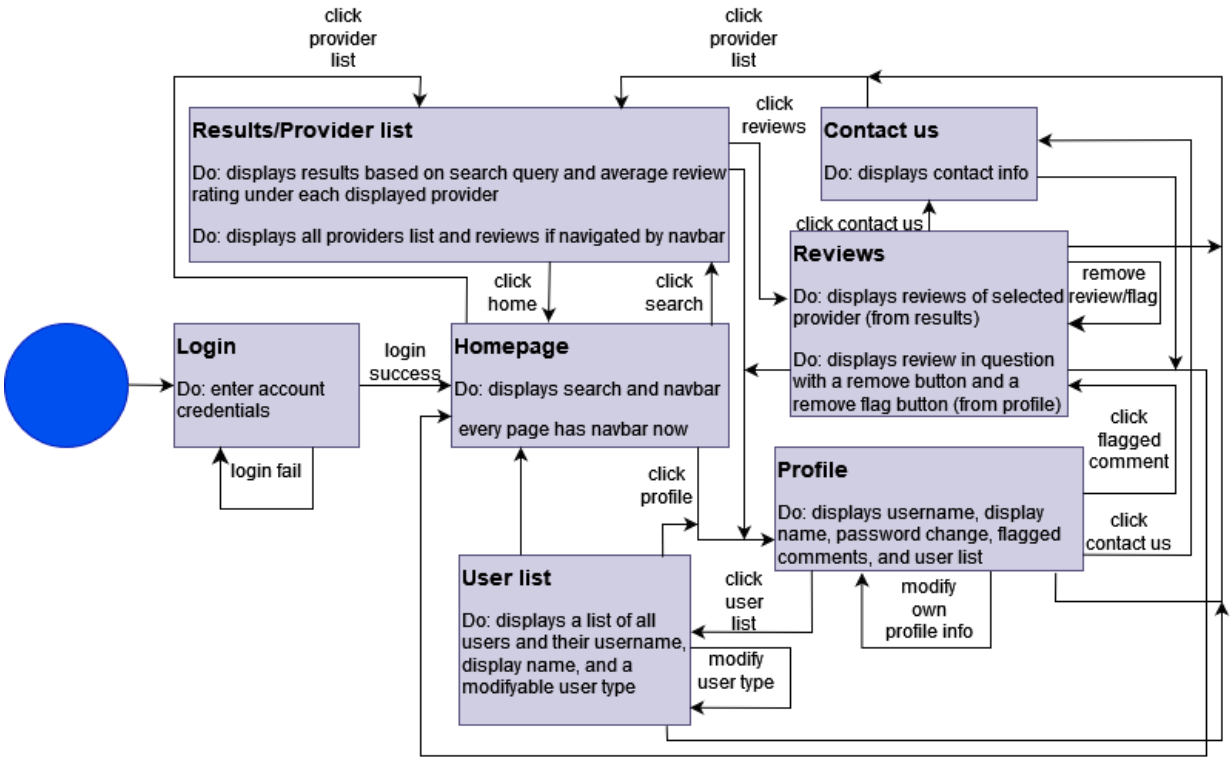
3. State Machine Diagrams
    a. User – Kennedy Page



b. Provider – Albert Lusk

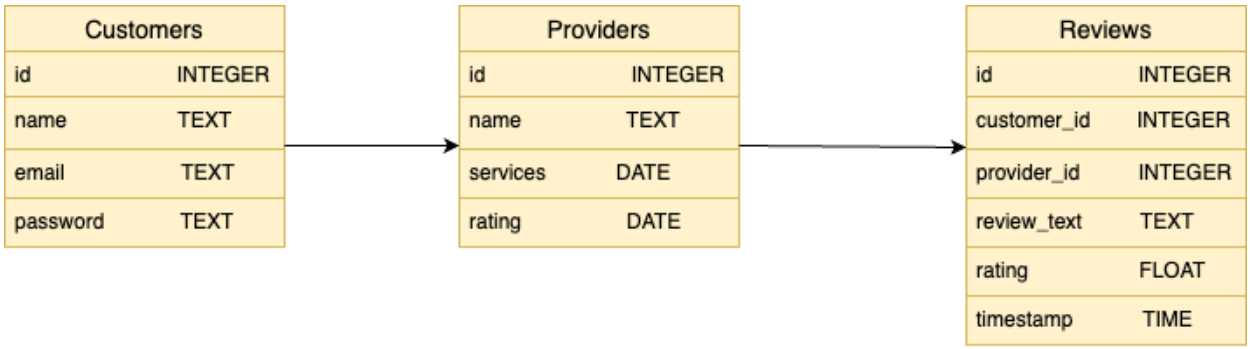


c. Admin – Jun Lee



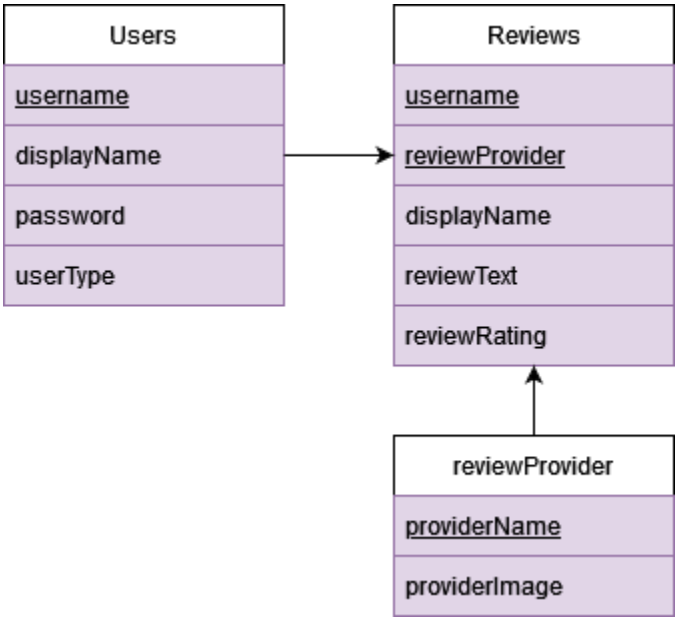
4. Database Schema

a. User - Kennedy Page



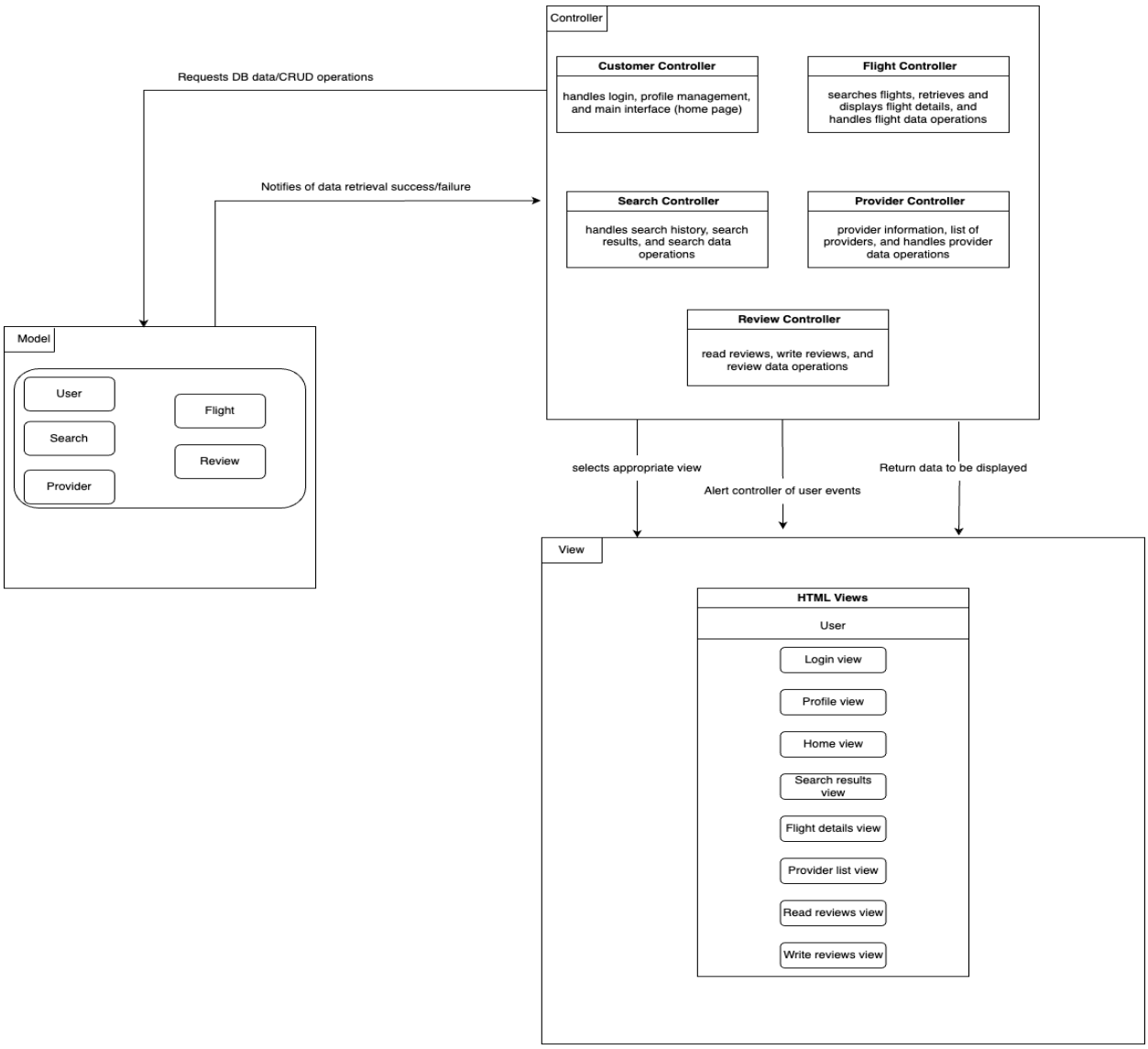
b. Provider - Albert Lusk

c. Admin – Jun Lee



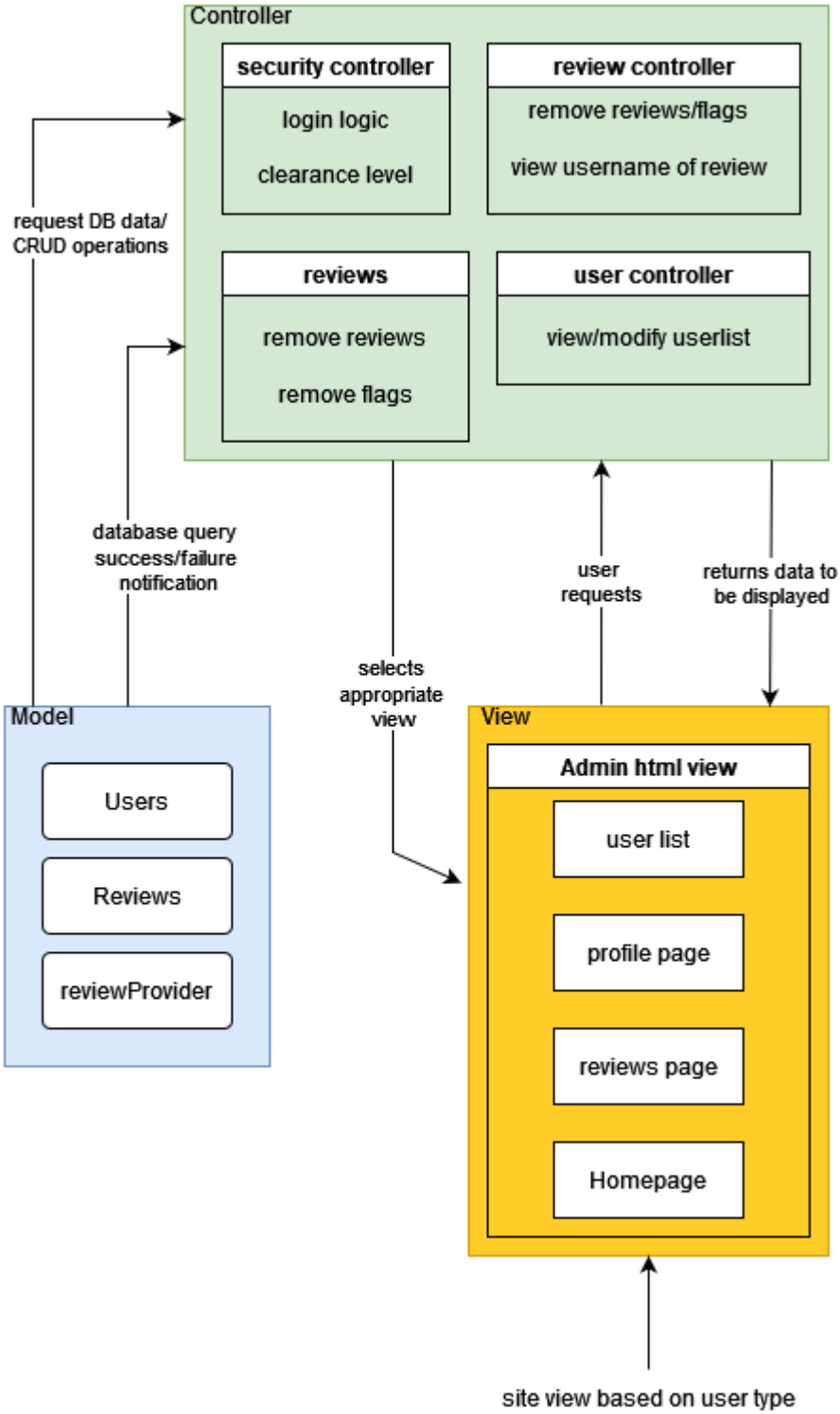
5. Software Architecture - MVC

a. User - Kennedy Page



b. Provider - Albert Lusk

c. Admin – Jun Lee



6. Scenarios:

Admin: view/modify reviews

1. Login page is displayed and admin enters account credentials.
2. Admin is logged in and taken to the homepage.
3. Admin goes to profile page on the top right of the navigation bar to go to administrator functions.
4. Admin is shown the number of flagged reviews and clicking on the number will navigate to the reviews page with special admin features.
5. Admin reviews flagged reviews and modifies accordingly.
6. Admin goes back to the profile page and navigates to the user list.
7. Admin is shown a table of all accounts made and can modify them accordingly.

Admin: view/modify accounts

1. Login page is displayed and admin enters account credentials.
2. Admin is logged in and taken to the homepage.
3. Admin goes to profile page on the top right of the navigation bar to go to administrator functions.
4. Admin clicks on the user list button at the bottom of the page to navigate to the user list page.
5. User list page shows a table of all accounts with the option to delete or modify the account type (customer/provider).
6. User list page access is blocked if current role is not “ADMIN.”
7. Admin modifies accordingly.