A

Capstone Project-III Report

On

Home Service Helpers

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ABSTRACT

The on demand home service system is incredibly useful for everybody who wants to urge home services like plumbing, cleaning , repairing and servicing electrical maintenance. When an individual relocating from one area to a different because now a day's everyone wants to save lots of time and shot out their problems within time with none problem. Therefore, online home services are very beneficial for people. There are main users in our system, but main there are two users ,first is Home Service providers and customer. Home service providers have a crucial role within the project he/she can register with this website by mentioning their role and adds. The small about them by providing their contact number while the user can see an inventory of home services and get in touch with them as per their requirements. The web home service project consists of the many categories and services as mentioned before. Users who are in need of services can register with this website and look for service providers by mentioning the situation. The service provider's therein particular locations are listed to user with contact number and therefore the user can contact them. By this users can easily avail the needed home services with none difficulty and delay.

1. INTODUCTION

1.1 Project Overview

As the title Suggests the basic aim of our project is to provide service to the customer various facilities using technology, so that the serviceman can have better standards in business and can also effectively use to technology for management of their customers. These Online Home Services website deals with an online system designed for booking serviceman (electrician, carpenter, plumber, painter etc) as per the requirements of the customers at their convenience.The current system is manual and it is time-consuming. It is also cost-ineffective, and the average return is low and diminishing

1.2 Purpose

The aim of our website is to provide a tool that can provide them ease of service management like House cleaning , electrical management painting house an many more. Because now-days people does not get time because of their jobs and other management.

The purpose of this project is to give a platform to the home serviceman to upload their full profile, by which users can search the serviceman in her city easily.

1.3 Scope

The project has a wide scope, as it is not intended to a particular organization. This project is going to develop generic software, which can be applied by any businesses organization. More over it provides facility to its users. Also the software is going to provide a huge amount of summary data.

1.5 Problem Statement

The Problem statement is “Home Services Helpers”. The Home Services Helpers capitalizes on the convenience factor, one of the greatest constraints plaguing this sector. In the market we targeted, getting a repairman, or a specialist to one’s house is not a convenient affair especially when urgent repairs and services are the matter of concern. While in many developing regions,the labour may be relatively cheap, the story is quite different in the developed regions in the states.

1.6 Modules

- **Admin**
  - Manage Servicemen **:** By Using this software admin can easily manage servicemen , i.e. Admin can verify the servicemen is good or fake by seeing its profile information , admin can also able to delete the servicemen account.
  - Manage Users
  - Manage Bookings

- **User**
  - Search Servicemen
  - View Servicemen Profiles
  - Book Servicemen

- **Servicemen Modules :**
  - Create Profile/Edit Profile
  - View Booking

3. SYSTEM REQUIREMENT

.1 Hardware Requirements:

Software Requirements:

Technology: Python Django

IDE : Pycharm/Atom

Client Side Technologies: HTML, CSS, JavaScript , Bootstrap

Server Side Technologies: Python

Data Base Server: Sqlite

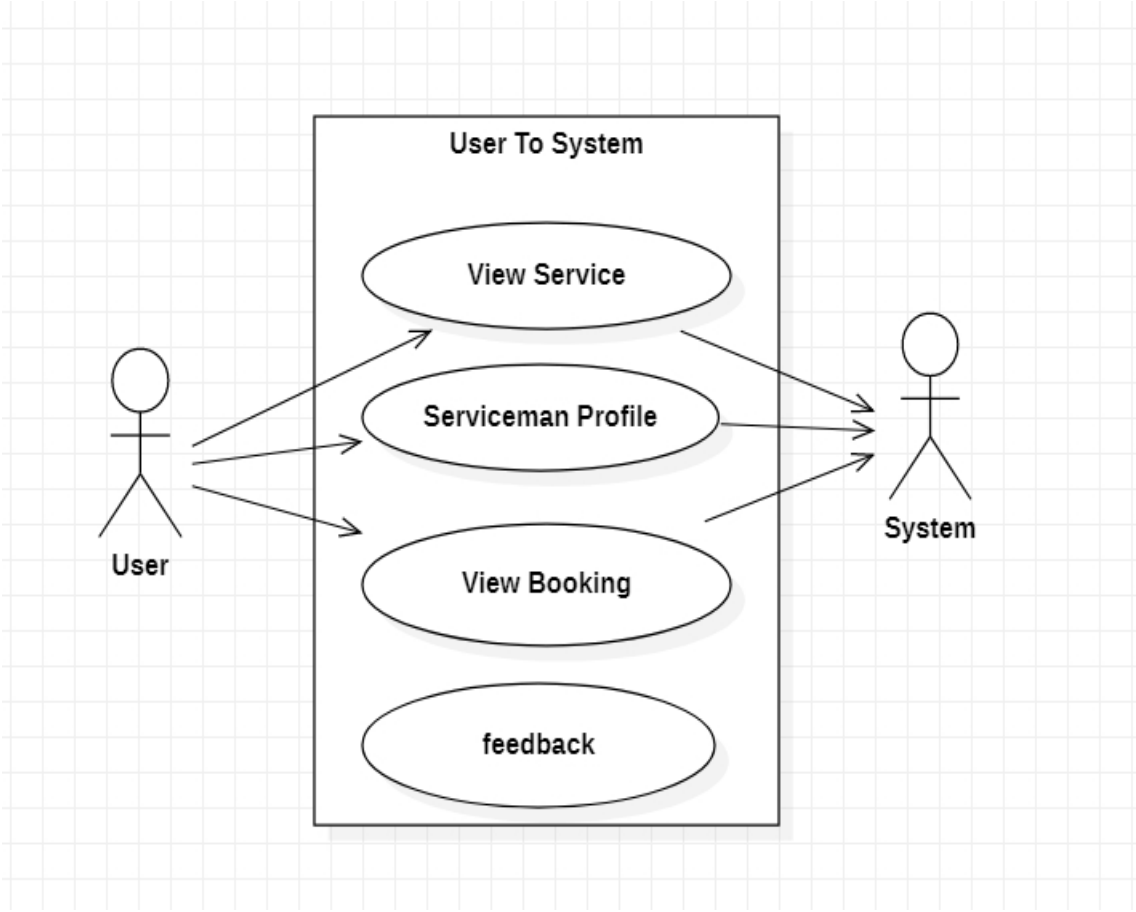
Operating System: Microsoft Windows

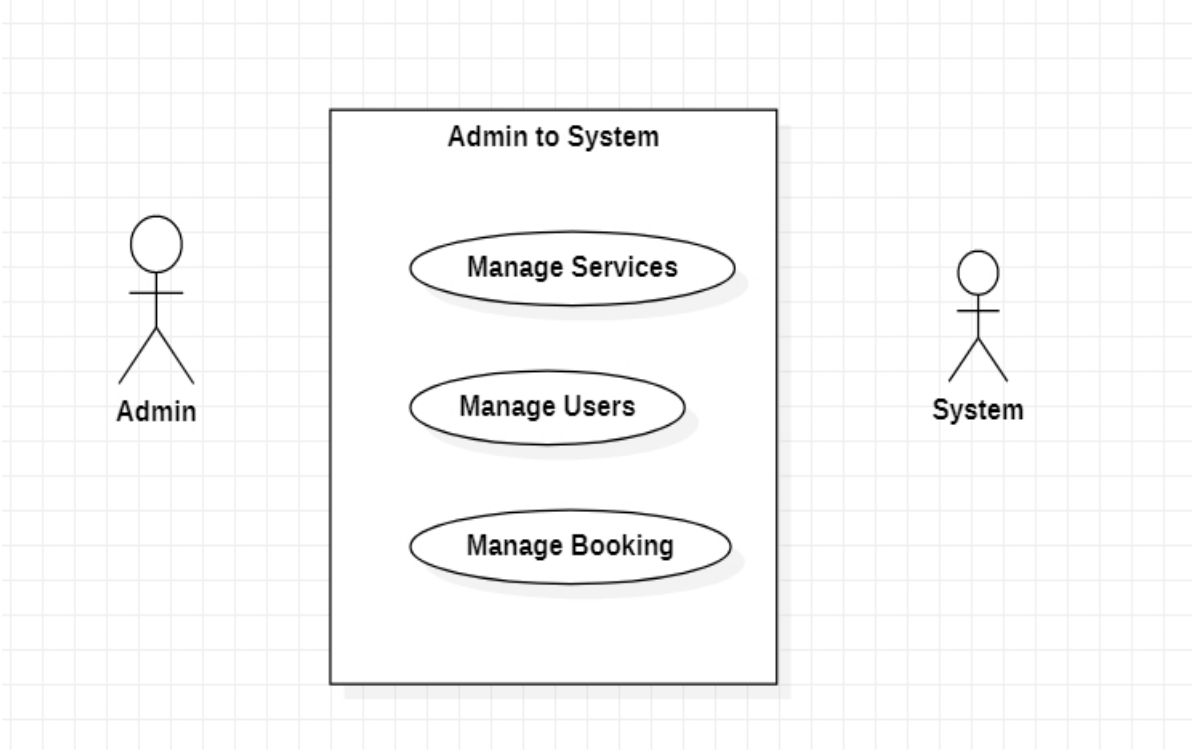
4.2 Software Requirements:

Processor: Pentium-III (or) Higher
Ram: 64MB (or) Higher
Hard disk: 80GB (or) Higher

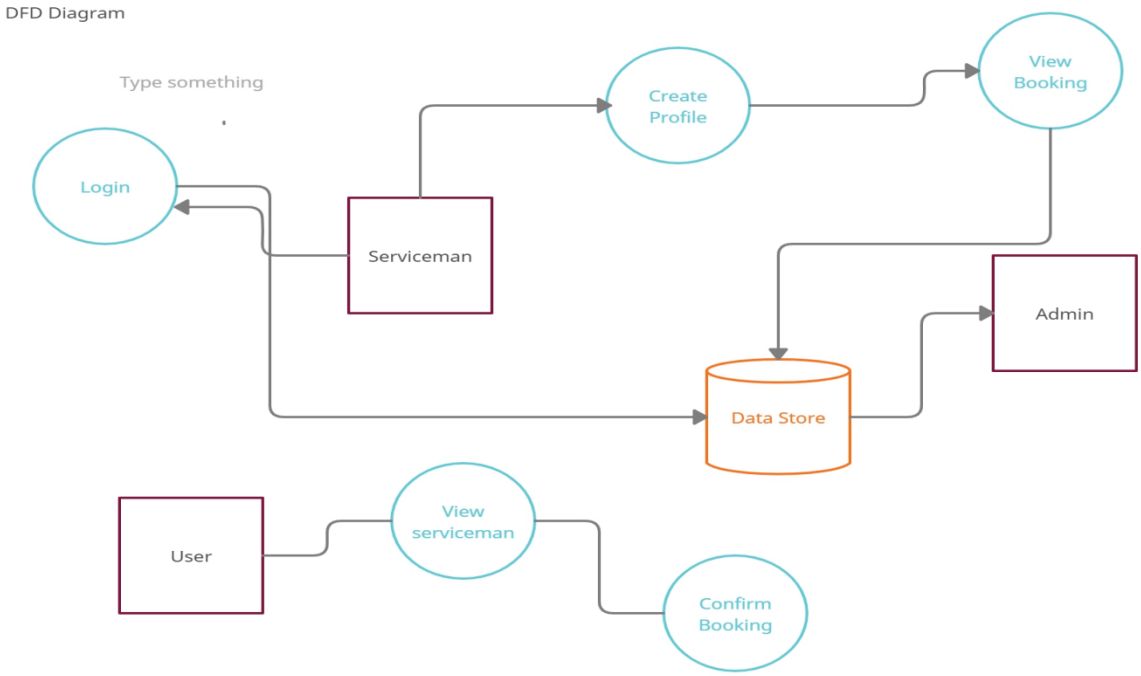
4. Diagram

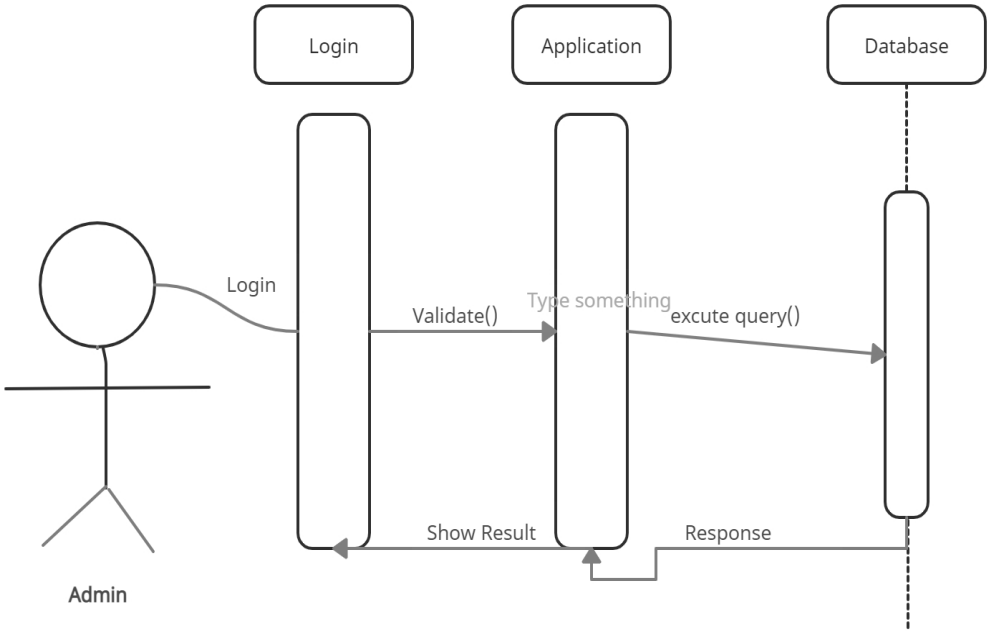
Use Case Diagrams:





DFD Diagram:

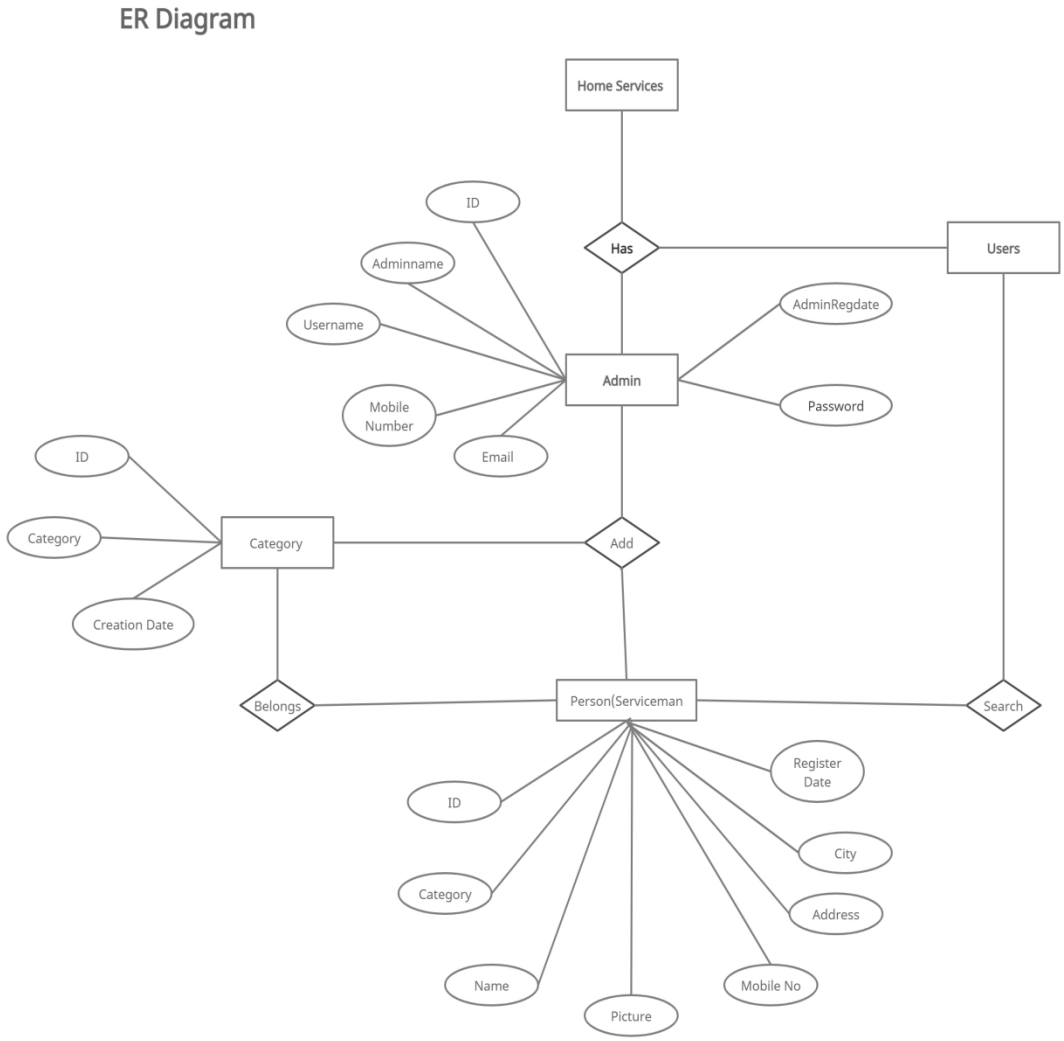




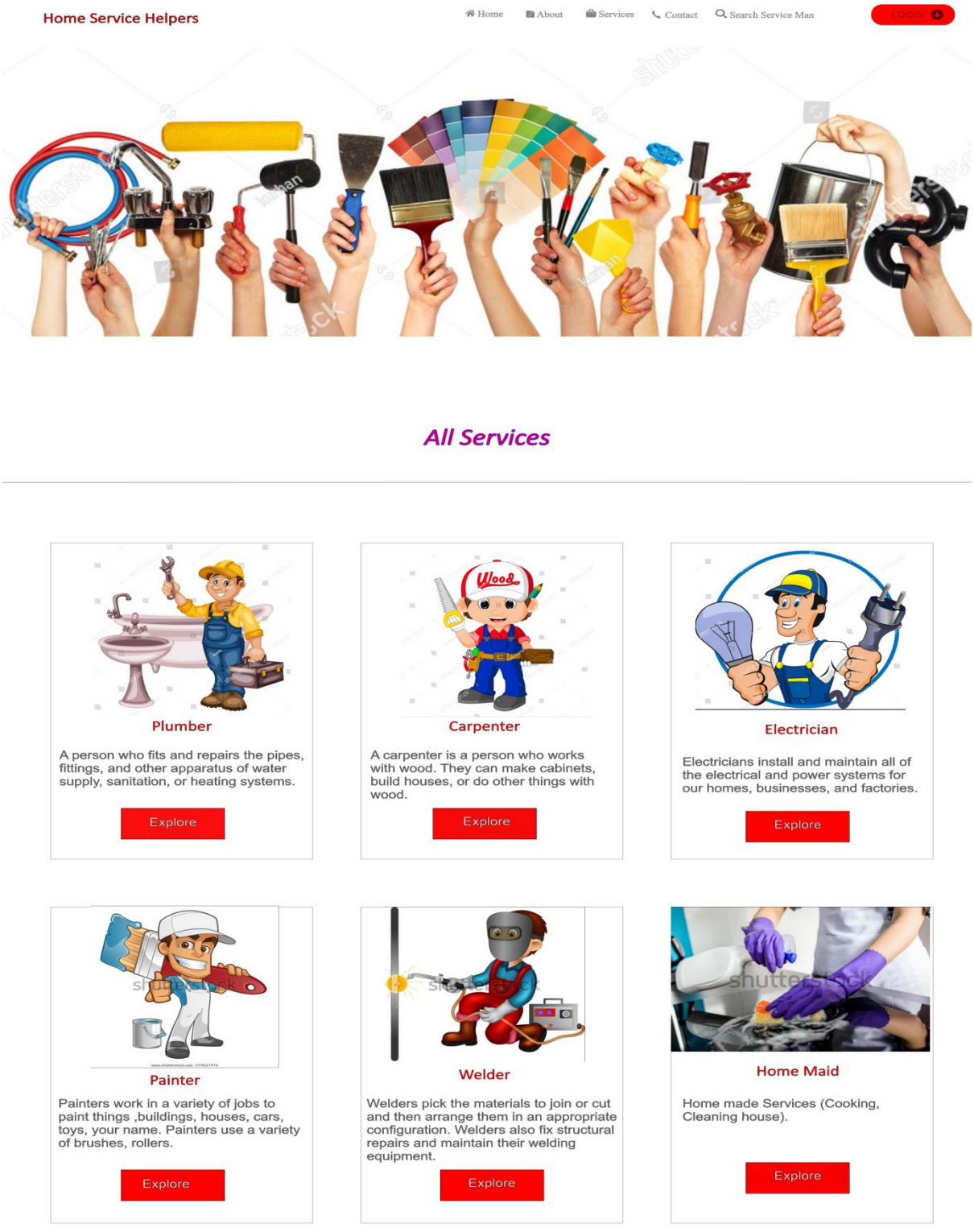
Sequence Diagram For Admin

Home Service Helpers

ER Diagram:



5. UI UX Design



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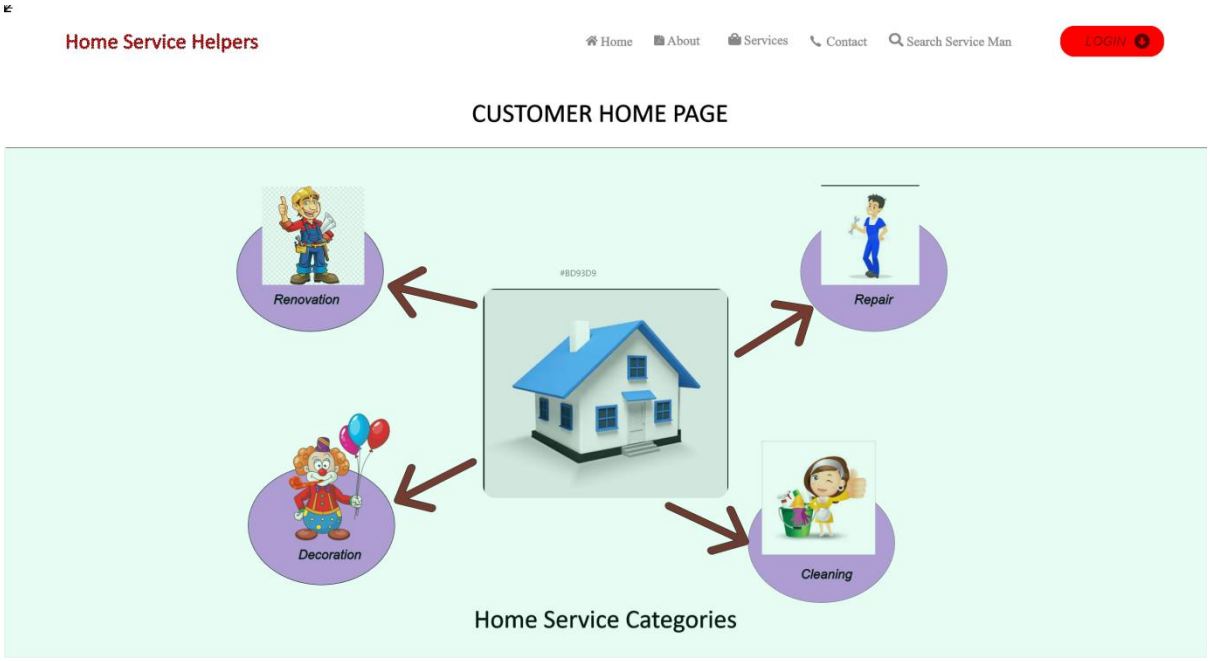

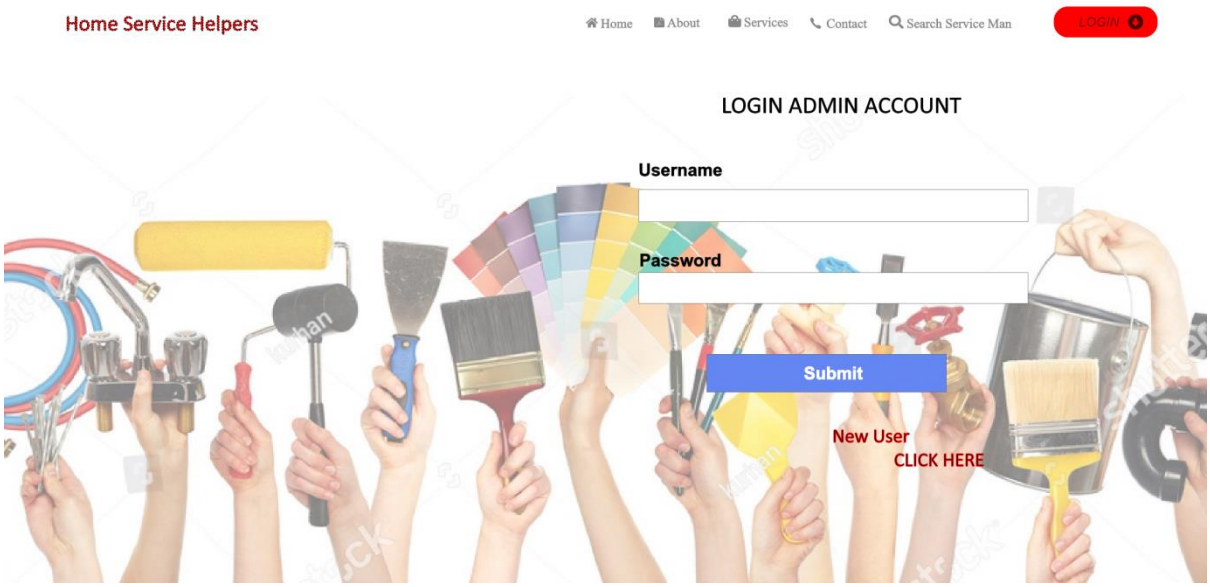

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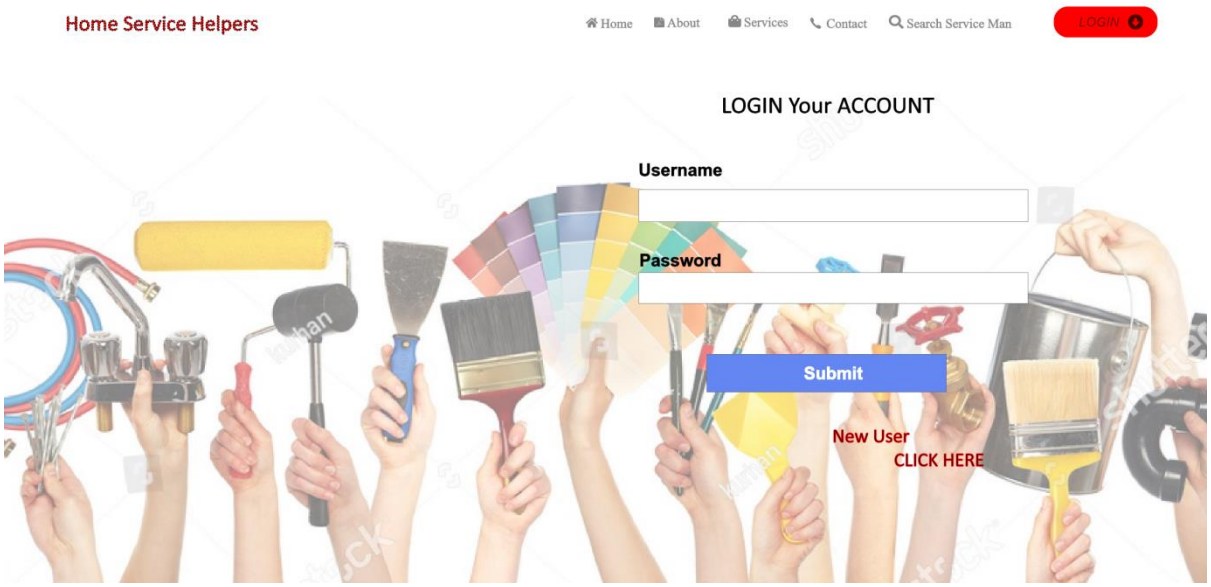

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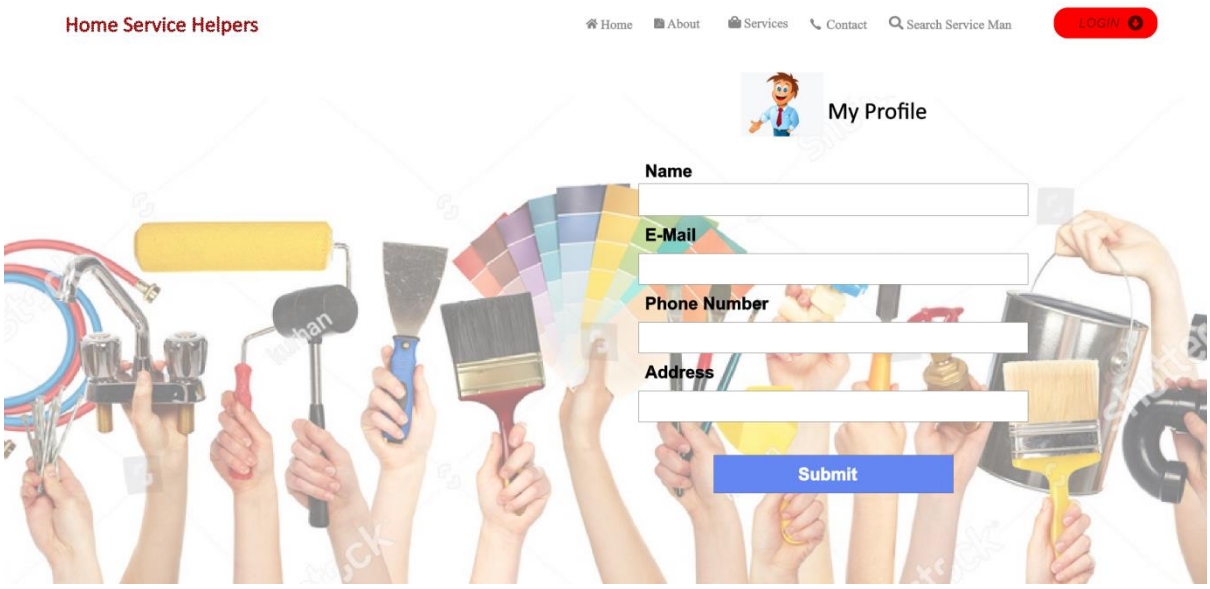

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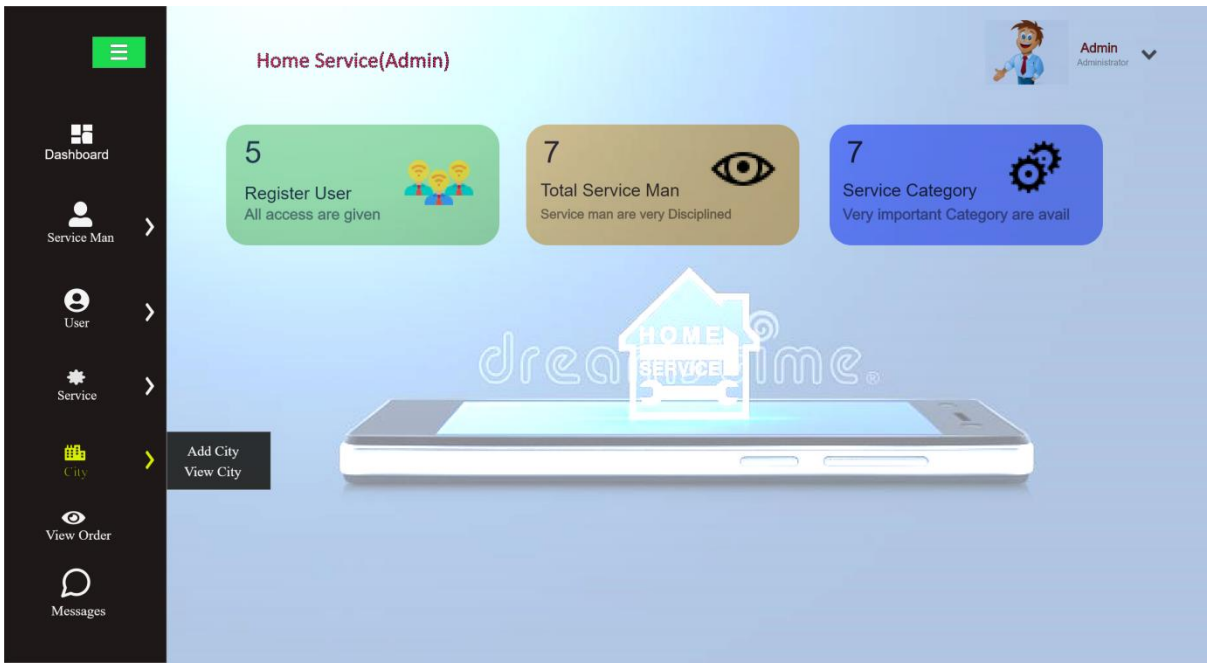

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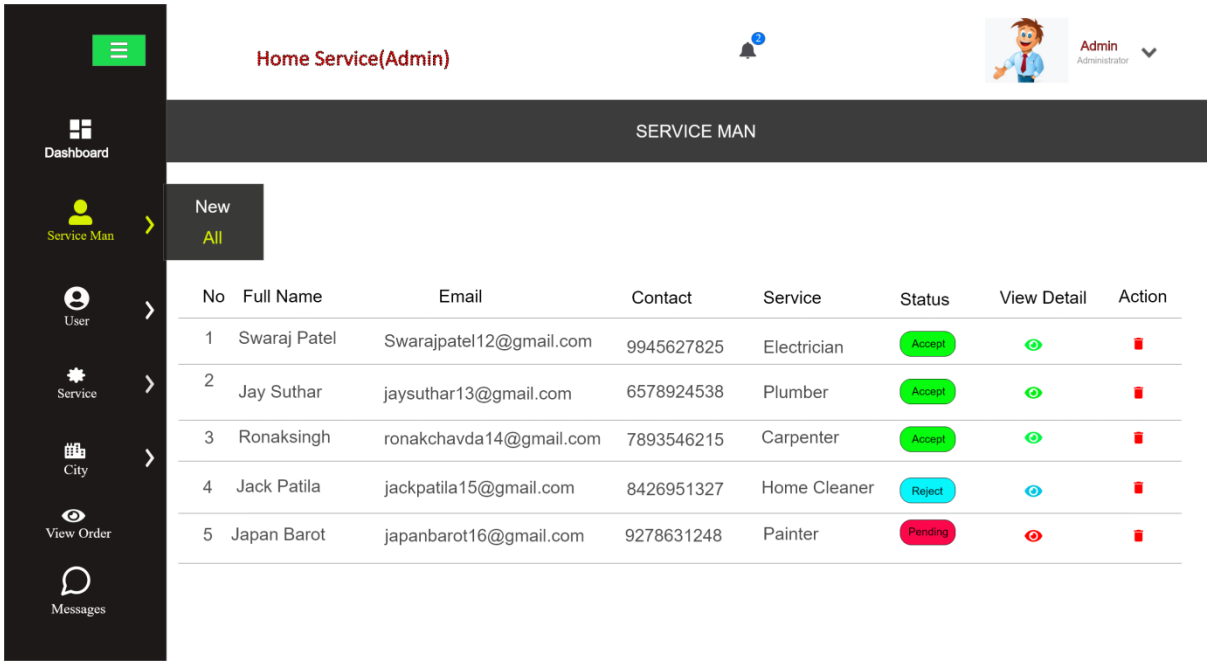

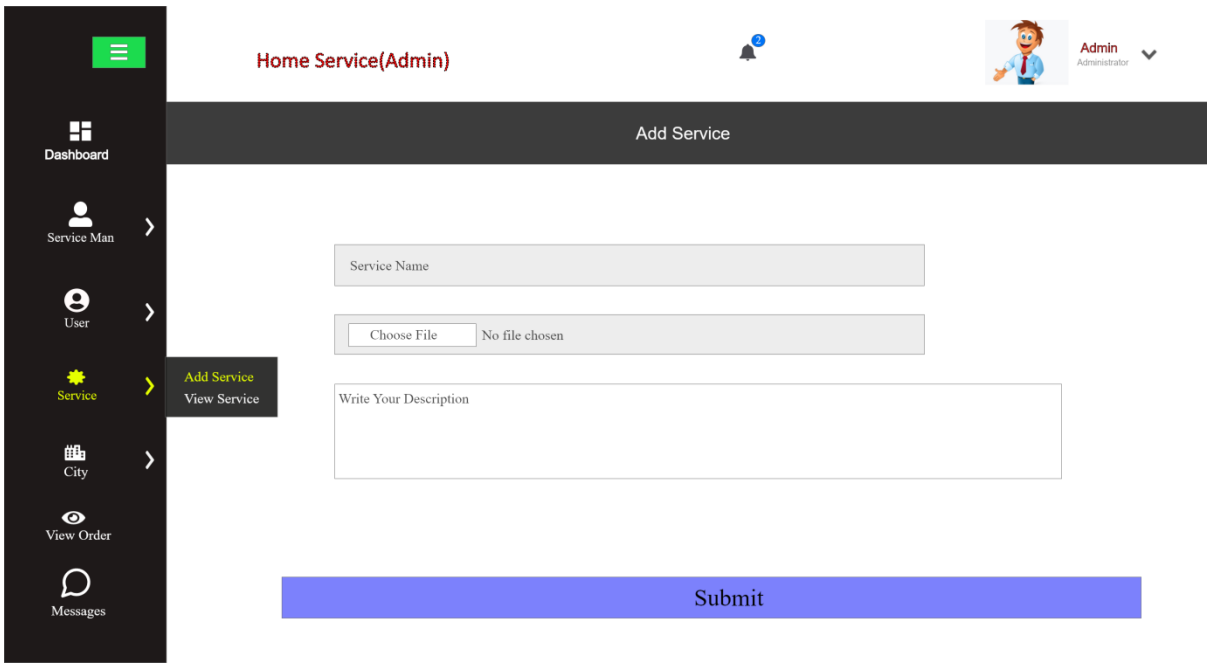

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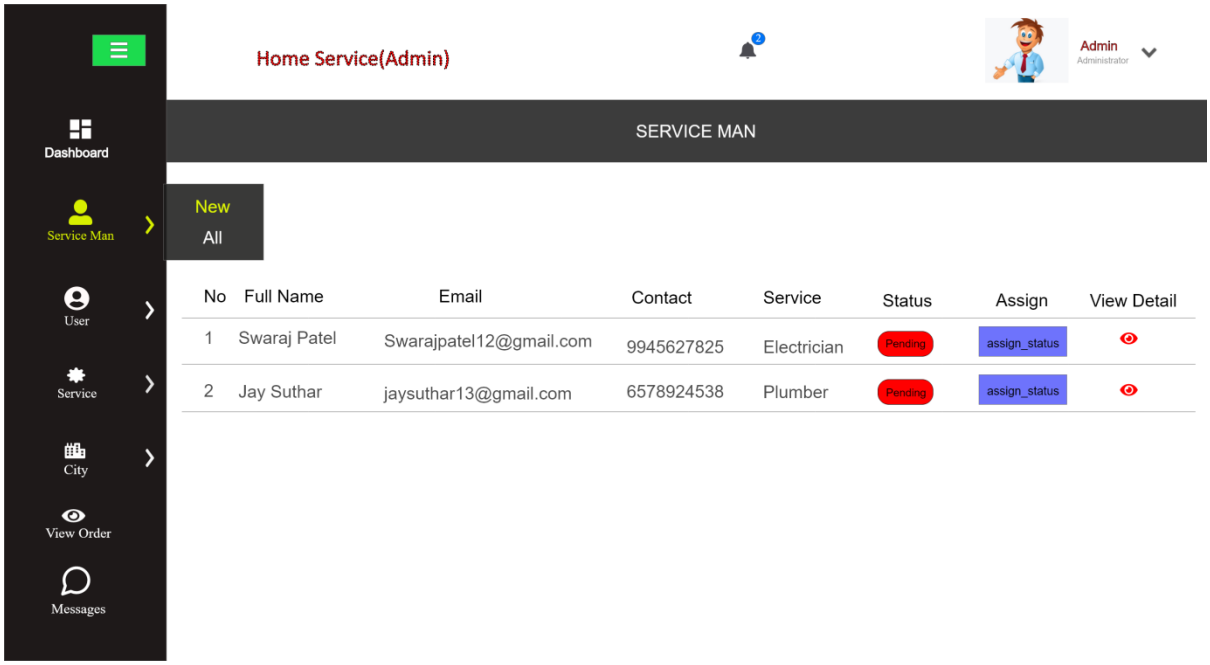

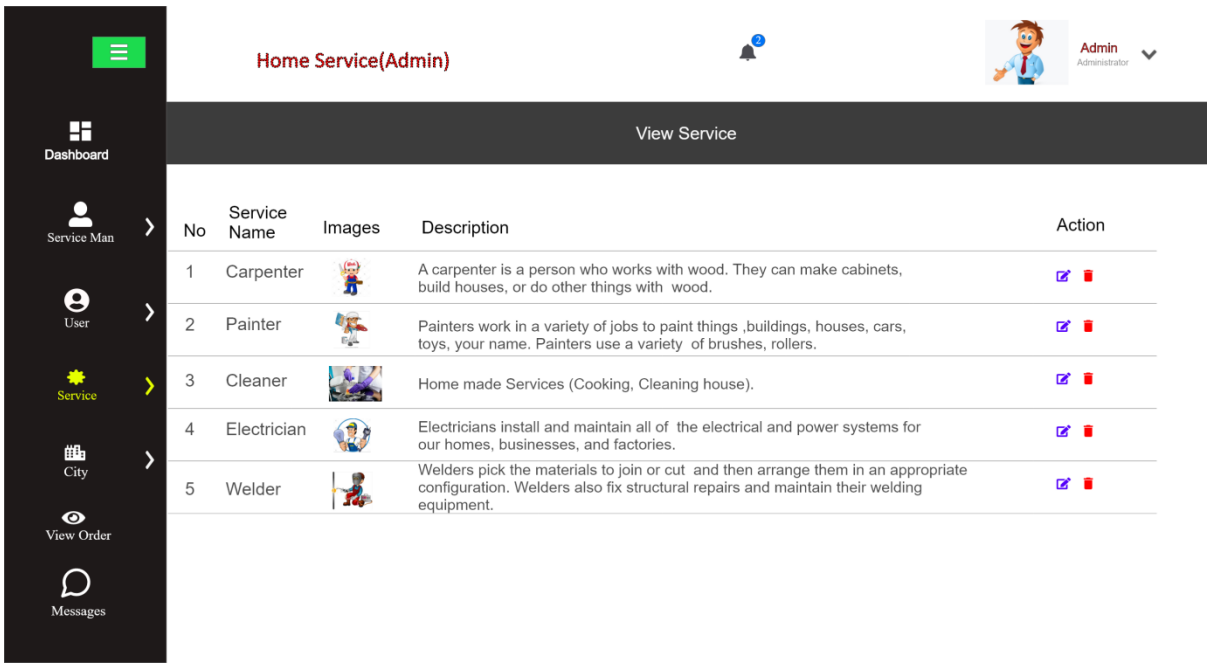

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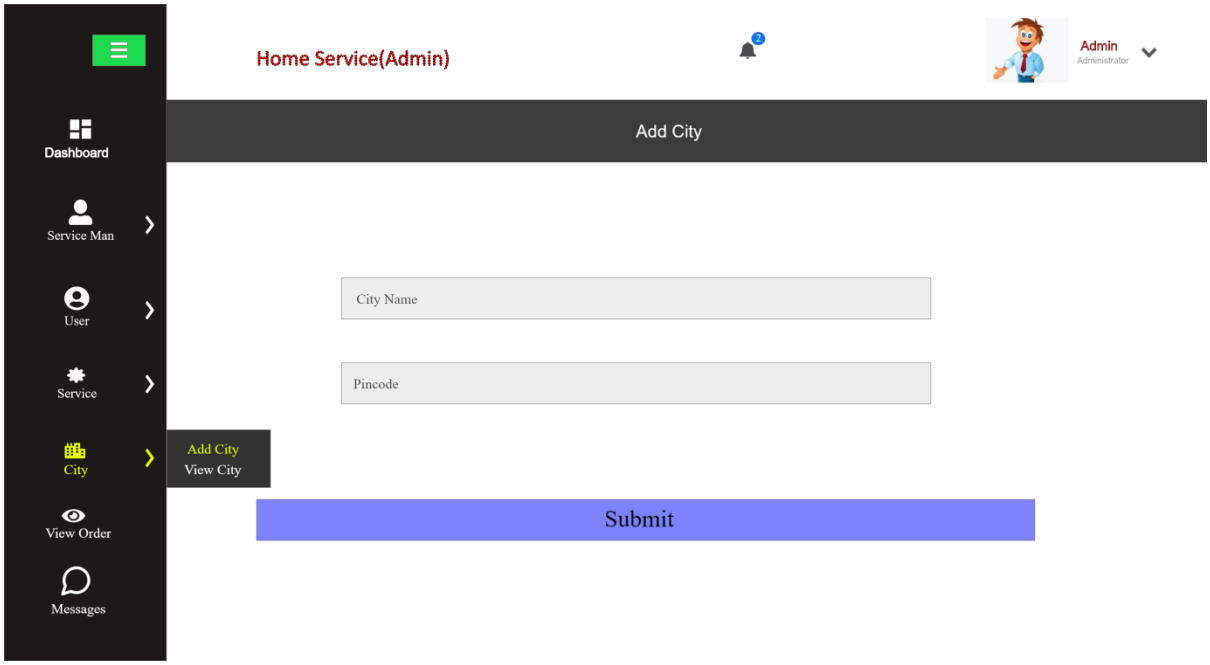

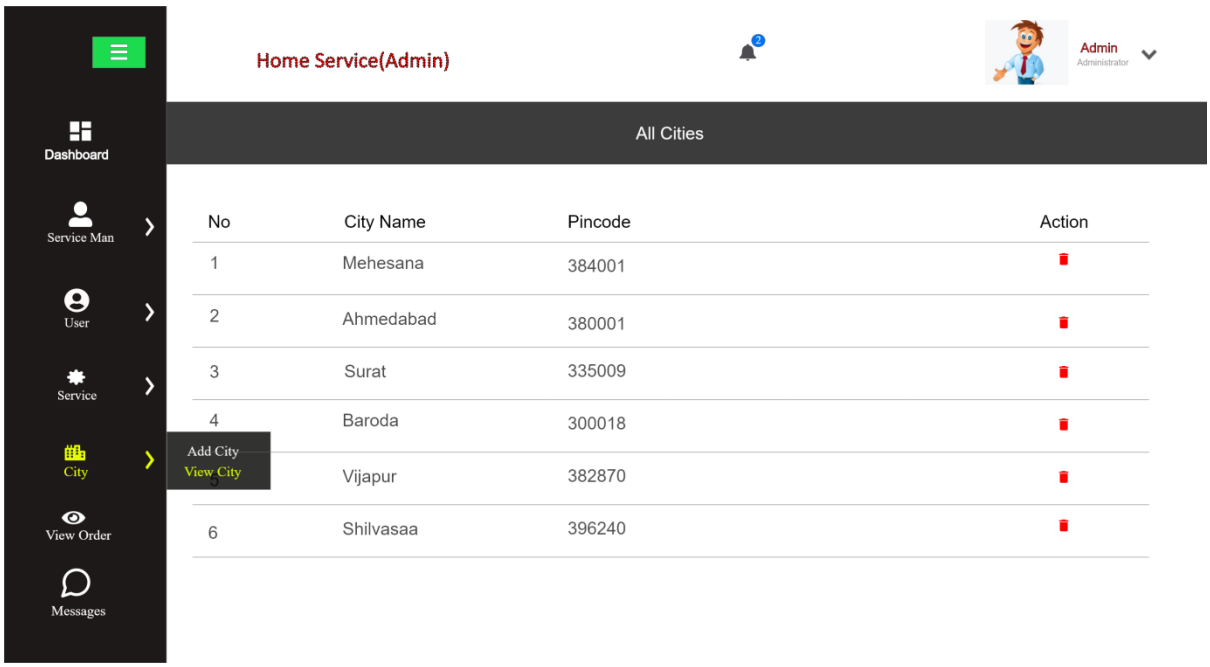

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