Home Care

Abstract:

The Home Care Android application is a mobile platform tailored for Android users, aimed at facilitating domestic home services by connecting users with service providers. The application's mission is to become the preferred service solution for customers while offering job opportunities to skilled individuals. Users can request various home services through the app, eliminating the hassle of searching for carpenters, electricians, plumbers, and technicians manually.

Existing System:

While there are existing job hunting apps and websites, they typically focus on office-based or specific categories of jobs. Similarly, existing home service apps often target only large cities, limiting accessibility for citizens in other areas. These platforms are often time-consuming and do not offer 24/7 service availability.

Proposed System:

The proposed application provides opportunities for technically skilled individuals with flexible working hours. Service providers have the freedom to work on a freelance basis, showcasing their skills through certificates or evidence of past work. Users can rate service providers based on their performance and provide feedback, aiding other users in evaluating workers for future tasks. The platform ensures fair payment for workers by establishing a minimum wage, with workers providing receipts for any materials purchased. Upon receiving payment from customers, workers update the system accordingly.

Advantages:

Streamlined hiring process

Convenient payment methods

User-friendly navigation

Access to skilled workers

Hardware System Requirements:

CPU: Intel Core i3 Processor

Hard Disk Space: 250 GB

Display: 15" Color Monitor

RAM: 4 GB or Above

Storage: 512 GB and Above

Keyboard: 104 Keys

Clock-Speed: 2.6 GHz

Software System Requirements:

Operating System: Windows 10 and Above

Front End: HTML, CSS, JavaScript, Java

Backend: Python/Django,

IDE: Django Application, Notepad++

Software Kit: XAMPP

Additional Module:

Payment Gateway Integration:

Integrate a secure payment gateway to facilitate seamless transactions between users and service providers, ensuring a smooth payment process within the application.

Modules:

Admin Module:

Login

View Users

View Services

Verify Services

View Service Requests

View Payments

View Reviews

User Modules:

Register

Login

Search for a Service

Book Service

View Booking Status

Payment

Review

Service Provider Module:

Register

Login

View Requests

Accept/Reject Booking

View Payments

View Reviews