Home Service Application

Software Requirement Specification (SRS)

Document

Sprint Implementation

Project Timeline: 21.11.2022 to 24.11.2022

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1.Introduction

1. INTRODUCTION: -

The introduction of the software requirement specification provides an overview of the entire software. The entire SRS with overview description purpose, scope, tools used and basic description. The aim of this document is to gather, analyze and give an in-depth insight into the complete home service application by defining the problem statement in detail. The detailed requirements of the home service application are provided in this document.

1.1. Purpose: -
The purpose of this document is to describe the services provided in your household. The main purpose of home service application is to provide happy and healthy home atmosphere in order to satisfy customers.

1.2. Intended Audience: -
This document is intended to be read by Customers.

1.3. Intended Use: -
- Development Team
- Maintenance Team
- Clients

Since this a general-Purpose Software Thus any one Can access it.

1.4. Scope: -
The main aim is to provide an authenticated and authorized login module for the users such as service seekers, service providers and the admin, by providing appropriate credentials at the time of registration. The primary objective of this application is about delivering the home services at the doorstep just by one click.

2. Overall Description: - The proposed system provides several services by providing service specialists at your doorstep in one click. A systematic online environment is provided to the clients that offers ease in accessing our services in a more comfortable way. With well qualified and background demonstrated professionals we make all your home plumbing, electrical services, electronic services, furniture maintenance to be done in a click anytime from anywhere as easy as available.

2.1 User Needs: -

- ./serviceapp <aadhar no>

- ./ serviceapp <name>

- ./ serviceapp <phone no >

- ./ serviceapp <address>

- ./ serviceapp <avail_service_option>

- ./ serviceapp <password>

2.2 Assumptions and Dependency: -

•User has the latest version of OperatingSysteminstalled.

•Customer has either an 4GB or more RAM.

•The service is used preferably on a desktop,laptopor mobile phone.

3.System Features and Requirements: -

3.1. Functional Requirements: -

R1: Registration

Description: To enter into this App, user has to register himself first. Requirements of registration are Aadhar no, Name, Phone no, address, avail_service_option, password.

Input: User Details

Output: Registration Done

Processing: User details are checked with database. Password constraint is checked as per validation.

R2: User Login:

Description: The system provides facility to login into the system.

Input: Enter username and password

Output: User Profile page

Processing: The system will check the input of user and if valid then login is done. Otherwise user will be asked to re-enter the username and password.

R3: Select the service

Description: The user can select the service that they need.

Input: Service options.

Output: Service successfully selected.

Processing: The system will add selected service into the database.

R4: Admin

Description: The Admin can add, view, edit, delete the customer and technician details.

Input: admin id, admin password

Output: Added successfully into database.

Processing: The system will add selected data into database

R5: Logout

Description: The system provides the facility to logout

Input: Select logout option

Output: Logout from the system

Processing: User will logout

3.2. System Requirements: -
3.2.1. Tools to be used:

- C File Handling
- C Language
- System Programming

3.3. System Features: -

- Supportability: Ease of maintenance is available in our system.

- Performance: The system can work on the user's terminal, as well as on cellphones

- Design Constraints: The system is built using only C language.

- Usability: This home service application will let the customers to choose their flexible time for their service.

- Reliability & Availability: The system is available when the user requests for services and it is available 24/7.