# SOHOJOGI

Team Synergy

LEARNATHON 3.0

# TABLE OF CONTENTS

..…

Our content today is divided into six parts. Each part will be described briefly.

# Introduction

"SOHOJOGI" is a one-stop service provider platform for daily household tasks.

It connects users with skilled professionals like plumbers, electricians, mechanics, and appliance repair experts, making it easy to find and hire reliable help.

# Our Team

Let's meet our team members

**MD. RAKIB HASAN**

3rd year, 2nd semester Student Ahsanullah University of Science & Technology

**RAJIUN SALIHAN NABI**

3rd year, 2nd semester Student at Ahsanullah University of Science & Technology

**MD. RUBAYET ISLAM**

2nd year, 2nd semester Student at Ahsanullah University of Science & Technology

2

# Reason for Project Selection

Many people struggle to find reliable and skilled professionals for household tasks like plumbing, electrical work, and appliance repairs.
This often leads to frustration, wasted time, and inconsistent service quality.

Our app "Sohojogi" aims to connect users with trusted service providers quickly and efficiently. It simplifies the process of finding, comparing and hiring the help of expert professionals, making everyday life easier while supporting local workers with more job opportunities.

# Background Study

# Overview

Addressing challenges in household services with a reliable, seamless solution.

## The Problems People Are Facing

Many people struggle to find reliable professionals for everyday household tasks, such as plumbing, electrical work, and appliance repairs. Existing solutions are often inconvenient, lack trustworthiness, or make it difficult to connect with the right people. Users face challenges in finding verified, skilled service providers who can meet their specific needs.

## Current Solutions and Their Limitations

While there are some platforms offering household services, they often fail to deliver a seamless user experience.

4

Many are not user-friendly, suffer from security issues, or lack essential features such as real-time tracking and easy payment systems. Additionally, service quality is inconsistent, and users often face difficulties in verifying the credentials of professionals.

# SOHOJOGI simplifies finding reliable household services with a secure and efficient platform.

# Why Our Solution is Different

Many existing solutions fail to offer a user-friendly, trustworthy experience for household service bookings. "Sohojogi" addresses these gaps by integrating features like secure authentication, real-time tracking, and ratings, ensuring users can confidently find and hire skilled professionals with ease.
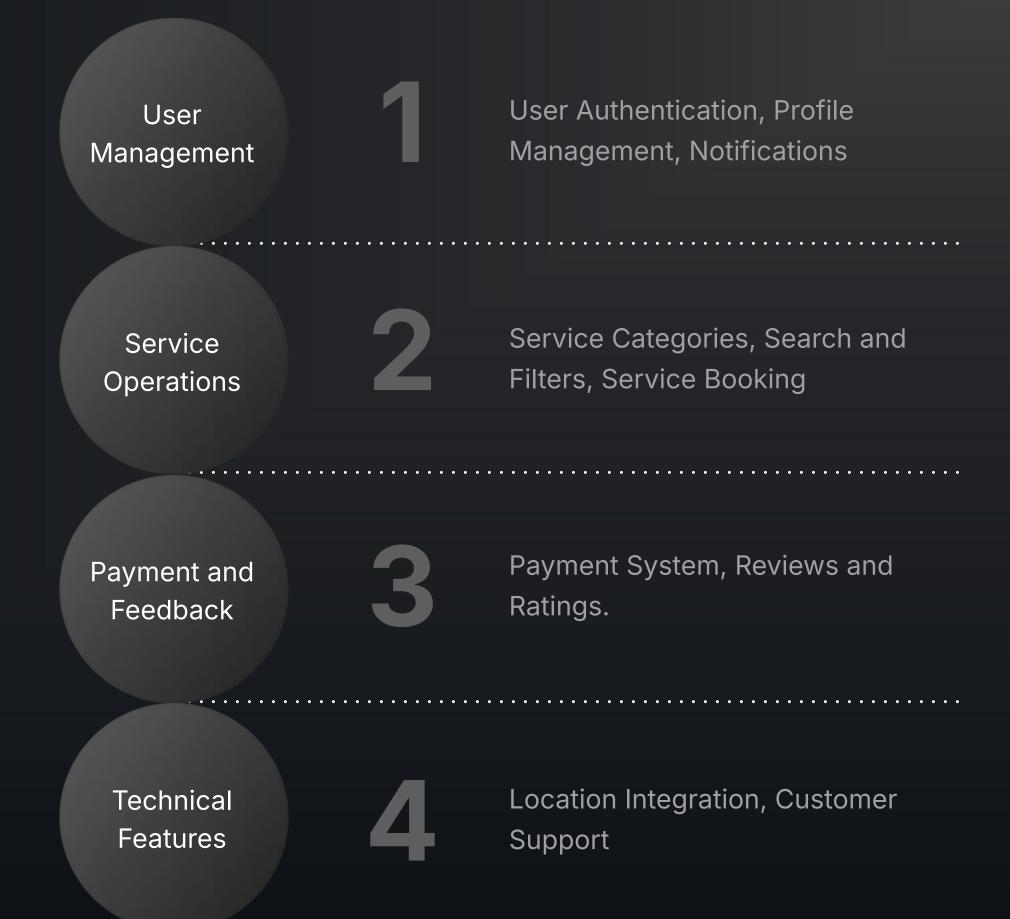
"Sohojogi" provides a comprehensive, secure, and easy-to-use platform that addresses these issues. Our app integrates features like user authentication, real-time location tracking, secure payments, and a rating system to ensure users can confidently hire skilled professionals. By focusing on reliability, ease of use, and trust, we aim to provide a complete solution that effectively solves the challenges faced by users and service providers alike.

# Requirement Analysis

# Functional Requirements

## Sohojogi simplifies service booking with ease.

Our app offers intuitive functionalities, including secure login, real-time notifications, service booking, and GPS integration, to connect users with skilled professionals efficiently. It prioritises ease of use, enabling smooth service discovery, payments, and feedback for an all-in-one household solution.

**User Management**

**1** — User Authentication, Profile Management, Notifications

**Service Operations**

**2** — Service Categories, Search and Filters, Service Booking

**Payment and Feedback**

**3** — Payment System, Reviews and Ratings.

**Technical Features**

**4** — Location Integration, Customer Support

6

# Non-Functional Requirements

**P** | **Performance**
The app will provide quick response times, even with high user traffic.

**M** | **Maintainability**
Designed for easy updates and scalability to add new features or services.

**U** | **Usability**
Intuitive interface to ensure a smooth experience for users of all technical levels.

**S** | **Security**
Implementation of secure payment gateways, and user authentication.

# Feasibility Analysis

# Technical Feasibility

## Platform & Framework

Flutter for Cross-Platform Development

Flutter enables fast development for both Android and iOS with a single codebase, ensuring smooth performance across devices.

## Backend & Database

Firebase for Backend Services

Firebase manages user authentication, real-time data syncing, and secure storage, providing a scalable backend solution.

## Security & Scalability

Firebase's Security and Cloud Infrastructure

Firebase offers robust security features and scalable cloud services to ensure data protection and app growth.

8

# Operational Feasibility

The app enables users to easily book and manage household services.

## User Interaction

Users browse, select, and book services easily through an intuitive interface.

## Service System

Service providers manage bookings and availability with a simple, user-friendly dashboard.

## Payment Flow

Secure in-app payments ensure seamless transactions between users and providers.

## Notifications

Real-time updates keep users and providers informed about bookings and service status.

# Economical Feasibility

## Operational Costs

The main operational costs for maintaining the app will include hosting fees for Firebase, app updates, customer support, and marketing.

## Revenue Generation

We expect revenue generation through service booking commissions, subscription models for premium providers, and potential advertising.

# THANK YOU