CSE306: Software Engineering and Information System Design Lab

**Prepare Software Requirement Specification (SRS) Document**

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**CHAPTER II**

**AIM: Prepare Software requirement specification (SRS) document.**

**ABSTRACT**

This report explores a new healthcare platform online, making medical services in India easier to use. It helps people quickly get the right healthcare they need.

The startup project aims to change how healthcare is accessed through an Android app. It tackles issues with getting medication, long clinic waits, and accessing healthcare places.

By making it easier to order medication, schedule lab tests, and receive health advice, our platform simplifies healthcare procedures. Users can connect with professionals and enjoy perks like free delivery and cashback.

The exploration looks at our app's way of doing things, showing how it makes getting medicine easier, helps with lab tests, and gives important health advice through a simple app. It shows how our app doesn't just make things easier but changes how people get healthcare, benefiting users, pharmacists, and healthcare pros.

Additionally, it talks about the main aims behind creating our app: making things faster, easier to reach, and giving power to people in the digital healthcare world. By looking closely at our app's features, perks, and main goals, this exploration shows how we're making healthcare easier to get, creating a better and more user-focused healthcare system.

**CHAPTER 1 INTRODUCTION**

**1.1 Problem Statement**

When facing illness without immediate access to necessary medication or finding local pharmacies lacking the required supplies, it goes beyond a mere inconvenience—it becomes a widespread problem. Coordinating a comprehensive check-up at a hospital might seem essential, but the complexities involved overwhelm many. This application presents a unified solution to these shared yet significant challenges, all within an accessible and user-friendly platform.

Consider an app that streamlines the process of ordering medication, scheduling lab tests or check-ups, and offers valuable health advice—all within easy reach. It's more than just convenience; it's a paradigm shift in healthcare accessibility.

For users, it's a lifeline. The days of rushing to pharmacies or spending extended hours at clinics are gone. A few taps on a phone allow seamless connections with healthcare professionals, medication orders, and access to benefits like free delivery, cashback, or even complimentary doctor consultations.

This isn't solely about users; it's equally impactful for pharmacists and healthcare professionals. Through this platform, they can extend their online reach and simplify lab test bookings, simplifying processes for everyone involved.

In today's fast-paced world, time is a precious commodity. This application empowers users to swiftly access necessary healthcare resources while enabling professionals to expand their services online. It's a mutually beneficial solution, saving time and effort for both parties involved.

* 1. **Background**

Sometimes we forget about buying medicine for senior citizens in our home and there may not be a pharmacy or can have a pharmacy but they may not have the specific medicine. Again, we can forget, may not have not enough time or have no one for collecting or booking lab reports for some disease. So, we need some technology that provides the best solution for this real-time problem. So, we think the easy solution for this problem is to make one android application as nowadays all have smart phones so it is more beneficial for both customers and professionals. They can communicate and get everything done without needing to go out.

Sometimes there is hassle about the payment system. But this app provides online payment and payment receipt. So there is no need to worry about retail money for the medicines.

Sometimes you don’t know about your area so it is hard to find hospitals and pharmacies for medical care so all these kinds of problems can be solved using one mobile application. That's why we want to design such an application that helps customers and professionals.

* 1. **Benefits of Application**

1. Save time and effort

2. Attractive offers and cashback option through wallet

3. Ensure accurate medication fulfillment

4.Provides health information for improved well-being.

5. Easy medicine delivery .

6.Easy ordering process

7.Returning medicines is as simple as ordering them.

8. 24/7 customer support

9.Efficient handling of customer orders

10. quality checks option

11.Express delivery

12.Cash on delivery option available

13.Early access to sales

* 1. **Objectives**
* Create a reliable place where medicines are delivered correctly and health info is shared reliably.
* Streamline medication acquisition and healthcare service access, reducing user time and effort.
* Ensure easy healthcare resource access, particularly for those facing geographical or time constraints.
* Facilitate healthcare providers in extending services digitally, creating an efficient platform for all involved.
* Build a strong digital environment where healthcare professionals can expand their services and connect with a wider range of clients.
* Ensure reliable and timely delivery of medications and lab services to users' doorsteps.
* Cultivate a supportive community by enabling user interactions and consultations with healthcare experts.
  1. **Purpose**
* Access to a wide range of medications and healthcare services.
* Provide valuable health information and resources.
* Enhance healthcare accessibility for remote or underserved areas.
* A reliable platform for trustworthy medication sourcing.
* More digital and efficient healthcare ecosystem.
* Reduce the stress and time .
* Accurate medication fulfillment and hassle-free delivery services
  1. **Feature of Application**

**For Customers:**

1. Easy login/registration.

2.Securely upload and manage digital prescriptions for accurate and efficient fulfillment.

3.User friendly interface

4.Enjoy cost savings through regular discounts, promotions, and cashback options.

5.Easily get lab tests at home or free sample pick up

6. Access valuable health-related articles, tips, and reminders for a healthier lifestyle.

7.Cancel order

8.Provides multiple payment option

9.Keep payment history

10.Add review

**For Professionals:**

1.Fast login

2.Efficiently manage and fulfill customer orders with a dedicated system in a certain time

3.Tools to verify and authenticate digital prescriptions uploaded by customers

4. 3 steps quality check process to ensure high quality medicine

5. Ensure secure communication with customers

6.Keep GPS location tracking

7.Reply to customers review

8.Works on drawbacks

9.Keeps work history and payment history

10.Chat with a customer,take the order and confirm the order

11.Connect and collaborate with fellow healthcare professionals within the platform.