

## Proposal Submission Letter

Date: 22.01.2019

The coordinator, SPL-2

Institute of Information Technology, University of Dhaka

Subject: Application for approval of project proposal.

Dear Sir,

By referring to the above matter, we would like to present the Project Proposal document. The main purpose for this proposal is explained below.

We want to develop an android application as SPL-2 project. The name of this project is Medipro-A Medicine Delivery Management System.

We therefore, pray and hope that you will kind enough to go through this document and notify us if any modification is needed.

Yours `

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## Introduction

MediPro: A Medicine Delivery Management System is an automated system to deliver medicine at patient door. Now-a-days it is too costly and time consuming to get medicine from the medical store. This app can help the customer to get medicine easily without consuming his/her valuable time.

## Motivation

We have been motivated from “pathao” for their services. In large pharmacy stalls, buying medicine is time consuming and often boring for the customers. So, we want to make an automated system to reduce their sufferings. Customers can get their medicines in a short period of time. Sometimes few medical stores cannot sell sufficient medicine. We want to solve this problem so that using this app they can sell more medicine.

After implementation we hope that this application will cover the followings:

- Providing the easiest way to supply and receive medicine.
- Saving time and money.
- Selling more medicine.

## Scope of the project

This system will be developed for android operating system. Because, now-a-days android is more popular operating system and most of the mobile phones run on android operating system. So, patients and pharmacy owners can easily use it.

We will cover the following features:

- **Authentication:** Users have to create an account to use this application.
- **Medicine management:** Patients can see the medicine, order medicine, cancel order, compare medicine based on quality and price.
- **Communication:** Patient and pharmacy owner can communicate each other through chatting or calling.
- **Search:** Search location, search medicine.
- **Upload:** Document upload.
- **Download:** Document download.
- **Notifications:** System can notify users in different condition.
- **Payment and Transaction management:** After buying or selling medicine this system will work on both pharmacy and patient side. Prepayment is not included in this system.
- **Discount:** Patient can get attractive discount in different condition.
- **Rating:** Customer can rate a pharmacy based on different criteria.
- **Tracking:** Track supplier, pharmacy, end customer.

## Work Plan

This software will work on android operating system. Customers can upload the prescription on the system for requesting medicine written in the prescription. Pharmacy owner can accept the request and give a feedback with amount. If the customer is agree with the pharmacy, he/she will order the medicine. Customers can also see the product description provided by the pharmacy.

Deliverables of this project are:-

- Software Requirement Specification (SRS) documentation: Requirement and analysis of the application.
- Android Application: After implementation.

Required technology to develop this application are-

- Android SDK: Mobile end.
- Java: Mobile end.
- ASP.NET: Server end.
- MSSQL: Database.

## Timeline

Start Date	End Date	Description	Duration
10-Jan	30-Jan	Requirement collection	20 days
1-Feb	20-Feb	Requirement analysis	20 days
22-Feb	10-Mar	SRS Documentation	17 days
12-Mar	30-Apr	Designing and Implementation	50 days
1-May	10-May	Testing	10 days
11-May	20-May	Report Writing	10 days

## Stakeholders Description

Stakeholders of the systems are:

- **Admin**: Special type of user who will manage and maintain the whole system.
- **Pharmacy owners**: Owner of the pharmacy who will interact with buyer.
- **Supplier**: Deliver the medicine.
- **Customer**: Patient or someone who can buy medicine.