SOFTWARE REQIUREMENT SPECIFICATION:

**Project Plan:  E Medicine Management System**

1. **Introduction**

This project is mainly for medical stores to maintain the details of the medical store such as stock and account. This medical shop management system is so designed as to ease the workload of medical shop professionals .The main feature includes inventory and stock control, accounting, client management As this is generic software it can be used by a wide variety of outlets (Retailers and Wholesalers) to automate the process of manually maintaining the records related to the subject of maintaining the stock and cash flows. As well as customer ease by not going to medical, ordering the medicines directly from website or mobile app and home delivery of the product.

**2. Overview**

Main purpose of the E medicine management system is to give the shopkeepers and customers also ease in work and the all data is maintained automatically. As well as only owner has rights so security is maintained. Recrding the sales as well as transaction data. Keeping eye on staff as well as managing the orders becomes easy. Online buying option is provided to customers so they can order the medicines from home also with delivery features.

Medical will run 24X7 without any problem and it becomes easy for customers to do the small things from their home.

**2.1 Customers:**

Only the target customers who genuinely requires the medicines and the peoples between age of 18 to 70.

**2.2 Functionality**

* The administrator can create a new Staff.
* Staff can log in and log out.
* The customers can also create account and log in and log out as well.
* The staff adds, delete or modifies the details of the Medicine.
* The medicines available should be shown to customers.
* Delivery also shown on customer profile with status.

**2.3 Platform**

We Launching it on both platforms Web-based application and a Mobile app for Android.

**2.4 Development Responsibility**

I, ABC, would be developing the software and I am responsible for the creation of the Database and all the other security related stuff.

**3. Goals and Scopes**

* Customers should be able to register through their already existing accounts.
* They should be able to share feedback.
* People should be able to Get all account information.
* They should able to request for replacement if the medicines are wrong or expired.
* All data of customers as well as transaction details should be stored.
* There should be window for about us.

**4. Deliverables**

I’ll deliver the following during the development:

* Feature specification
* Product design
* Test plan
* Development document
* Source code

**5. Risk Management**

**5.1 Risk Identification**

Following will be the risk involved in my project:

1. Why People will choose our app other than trending medicine providers apps.
2. Peoples are less interested in online buying medicines due to risk of getting expired or wrong content medicine.

**5.2 Risk Mitigation**

* Keeping wrong medicine or wrong content medicine in mind, we followed a view which display name as well contents of medicine with the expiry details.
* Used latest technology to maintain the save all data into database with the customers information.
* Easily understandable GUI is made so peoples with basic knowledge of technology also use it.
* Orders are kept track with Delivery so customers can track them as well as see the status.
* All Changes in database can be done by administrator only so security also maintained.

Thus, I think that there is a considerable amount of difference between the our software and other apps in terms of reliability and functionality.

**6. Scheduling and Estimates**

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| --- | --- | --- | --- |
| **Milestone** | **Description** | **Release Date** | **Release Iteration** |
| MI1 | Application view and Design | Jan 1, 2022 | R1 |
|  | (Front-end development) |  |  |
| MI 2 | Database for my application | Jan 16, 2022 | R1 |
|  | (Back-end) |  |  |
| MI 3 | Integrating views and designs  (Integrating front-end and  back-end) | Feb 10, 2022 | R1 |
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|  |
| MI 4 | Testing for initial release | Feb 20, 2022 | R2 |
| MI 5 | Issue tracker, user reviews, | March 1, 2022 | R2 |
|  | web design integration |  |  |
| M6 | Final release | April 12, 2022 | R2 |

**7. Technical Process**

Programming Languages Used :

Front-end development: HTML, CSS, React.

Back-end development: SPRINGBOOT, MySQL.

For Android app: Java on Android SDK.