Software Requirements Specification

for

<Project>

Version 1.0 approved

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<date created>

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Revision History

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| --- | --- | --- | --- |
| **Name** | **Date** | **Reason For Changes** | **Version** |
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|  |  |  |  |

# Introduction

## Purpose

This purpose of this document is to build a system that will be able to detect the medicines that can cause health damage if the user is having multiple drugs.

## Document Conventions

N/A

## Intended Audience and Reading Suggestions

This document is intended for developers who will be developing this product and the users. This SRS is divided into five modules and second module will discuss about the description of the product, how this product functions and how the system will be able to interact with the users

And the third module will discuss about the various interfaces that will be used by the system.

And fourth module will only discuss elaborately about the system features. And the last module will illustrate about the nonfunctional requirements which a user won’t be able to see. And it is advised to read this SRS as per the table of contents.

## Product Scope

Now a day's people take lots of medicines as they are prescribed by different doctors but these drugs can interact and cause health damage so this software will be able to identify those drugs with the help of an image containing drugs. And by this way this software will reduce medication risk.

This software can be sold to various customers by the recommendation of doctors and pharmacists.

## References

N/A

# Overall External Interface Requirements

2. Description Overall

**2.1 Product Perspective**

This software product is being developed for the patients; keeping in mind the situation of Bangladesh. In our country most of the people go to the doctors however they like. This causes a problem which is, the doctors who are prescribing the medicines for the same patient do not have any idea what the others doctors have prescribed. As a result there could be prescribed medicines which could clash with each other. This could be fatal. Our goal is to solve this problem. We will have application both for Android and iOS platforms. Our application will alert users if they are taking medicines which could clash with each other.

**2.2 Product Functions**

Medicine Clash Detector features:

1. Holds all the record of the medicines the user is taking.
2. Capture image to add new medicine/s.
3. Add medicine option by typing.
4. Users can remove medicines if they want.
5. Fully functional offline use.
6. Users can delete his/her account.

**2.3 User Classes and Characteristics**

We only have patients or the users in our system. They will register in the system and login to update their medicine history. They system will be implemented that way so that no duplicate email or id is granted. So no need for any admin to maintain the user accounts. Users will have the authority to delete their own account.

**2.4 Operating Environment**

Our applications will run on both Android and iOS platform.

**2.5 Design and Implementation Constraint**

This is a moduler system and it might need to be change as the client asks. The constraint is the client demands.

**2.6 User Documentation**

For user documentation and information, please consult section 4: External Interface Requirements and attached user manual.

**2.7 Assumptions and Dependencies**

We will not have any online dependencies other that downloading the app. We want the database for the app to be saved in the phone and we do not want to keep and online database.