# 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.