Medicine Dictionary

Sprint Explanation

Sprints:

1st sprint:

● Installing program, frameworks:

For developing this application, we are going to use android studio IDE with java language, also we are going to use firebase (Firestore) to store our data.

● UI Mockup:

We did a mockup for our application for the login page by social media and normal way(with username and password), searching page for this page the user will have to choice to do the search the first choice is searching by medicine name and the second one will be by searching by color, shape and the code of the medicine, searching result page this page will give a list of medicines if there are more than medicine for the searching result and the medicine page will include all the information about a special medicine that the user choose it to check.

● study frameworks:

Most of us do not have enough experience with building android application, so we are going to learn more about it by watching android tutorial and firebase tutorials.

● Drawing the charts and diagrams:

We are going to draw the charts and diagrams that will help us to explain more about project like use cases chart and entity diagram

● Financial Factors:

For the first sprint we are going to finish everything related to financial part like cash flow, flow chart and ROI with NPV

● data structure: which data we need to use

We are going to get our data from cima website this website has all data about medicines that we are going to use.

● system connecting:

As we mentioned before we are going to use Firestore to store our data, so the first step will be connecting our application to Firestore.

● Simple sign up, log in, log out:

As an usual app the first page will be login and sign up page.

We are planning to use social media for example Facebook and

Gmail for signing up and logging in.

● Start menu with the logo of the app:

The menu will contain all main parts or features on our app that the user is going to use it.

● Searching engine:

The main feature in our app will be the searching feature we will allow the user to make the search by two ways first one is searching by medicine name and the second one will be searching by color, shape and code of the medicine.

2nd sprint

● Adding pills to user list:

This feature will allow the user to a medicine or pill to the user list that contains all the pills that the user use

● Alarm feature and notifications:

This feature will allow the user to set an alarm to remind the user about the pills that he/she use and to remind by notification the user about the time that he/she should use the pill.

3rd sprint

● Caution notifications:

This feature will help the user to do not take two medicine together that make any dangerous side effects together. That will be done by giving a notification that remind the user that he/she does not have to take those pills at the same time.

● Adding new medicine request:

This feature will allow the user to submit a request that ask about adding new medicine to our database that he/she didn’t found it, so our team will review the request and take the decision about adding it or not.