

CHAPTER - 3

SYSTEM REQUIREMENTS

3.1 USER CHARACTERISTICS

- Any user wanting to make the best possible of time can use this application.
- The user has to create the routine for achieving intended goals.
- The use has to review the completed work daily.

3.2 HARDWARE AND SOFTWARE CHARACTERISTICS

HARDWARE REQUIREMENTS:

- A mobile phone or tablet capable of running android operating system.
- 256 MB RAM
- 20 MB Free Space

SOFTWARE REQUIREMENTS:

- Android 2.3 or higher
- Internet Connectivity

3.3 CONSTRAINTS

3.3.1 User Interface:

The User-Interface is with a Mobile application with GUI interaction only in English language. There can be multiple users of the application at a time. When the project is run for the first time, the patient needs to register with the application, after logging to the system, the project successfully commences.

3.3.2 Communications Interfaces:

The Mobile application has a communication via Internet. System users can have an interaction to the application from anywhere in the world with the Internet connectivity

and sufficient privileges to access the mobile application as a authenticate user.

3.3.3 Hardware Interface:

The mobile application with Internet connectivity works best on Android 2.3 OS or later, 20mb free space to run the application.

3.3.4 Software Interface:

The application will be interacting after development with android operating system to develop a system with above mentioned requirements in stipulated period of around 5 months is a major time constraints. In this time frame is all software engineering activities are to be done including testing.

3.3.5 General Constraint:

The only constraint coming in the way from system users to use this specific application is that the knowledge of English language and with working knowledge of navigating the mobile application. System Administrator can have the higher level rights for the application which gives the Privileges to the admin to edit/delete/create user and alteration in the database.