1.1 PURPOSE

This software will help the company to be more efficient in registration of their patients

and manage appointments, records of patients. It enables doctors and admin to view

and modify appointments schedules if required. The purpose of this project is to

computerize all details regarding patient details and hospital details.

1.2 SCOPE

The system will be used as the application that serves hospitals, clinic, dispensaries or

other health institutions. The intention of the system is to increase the number of

patients that can be treated and managed properly.

If the hospital management system is file based, management of the hospital has to put

much effort on securing the files. They can be easily damaged by fire, insects and

natural disasters. Also could be misplaced by losing data and information.

The scope of an SRS in a hospital management system typically includes:

1. Patient Registration
2. Appointment Scheduling
3. Electronic Medical Records (EMR)
4. Laboratory Management
5. Staff Management
6. Inventory Management
7. Pharmacy Management
8. Security and Access Control

1.3 REFERENCES

➢ https://www.officetimeline.com/make-gantt-chart/excel

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➢ R.S Pressman, Software Engineering: A Practitioner’s Approach, Mc-Graw-Hill,

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➢ P. Jalote, an Integrated Approach to Software Engineering, Narosa publication

house, Edition -3 (2011).

1.4 OVERVIEW

A hospital management system is a software solution designed to streamline administrative, financial, and operational processes within a healthcare organization. It helps manage patient records, appointments, billing, inventory, and integrates with laboratory and radiology departments. The system also includes electronic health records, generates reports and analytics, facilitates communication and collaboration, ensures compliance with regulatory requirements, and improves overall operational efficiency.

Advantages

• The system automates the manual procedure of managing hospital activities.

• Doctors can view their patients’ treatment records and details easily.

• It even generates an instant bill.

• The system is convenient and flexible to be used.

• It saves their time, efforts, money and resources.

Disadvantages

• Requires large database.

• The admin has to manually keep updating the information by entering the details

in the system.

• Need Internet connection.