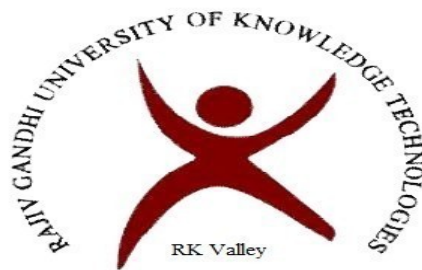


**A Project Report On**  
**Hospital Management System**

**Submitted By**

R170838	E.Archana
R170879	G.Pavani
R170888	B.Farhana

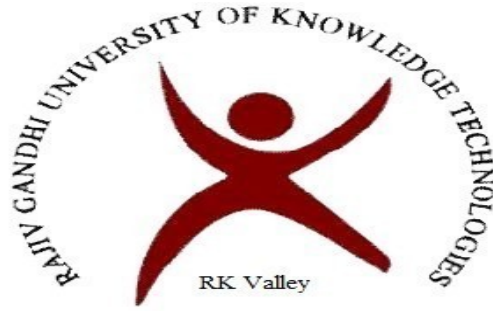
**Submitted To**



Under The Supervision Of  
**K.Vinod Kumar**  
Assistant Professor  
**COMPUTER SCIENCE & ENGINEERING**

**As a part of**  
Mini Project in Second Semester of Third year in  
Computer Science Engineering.

**Date: 23-09-2022**



## **CERTIFICATE**

This is to certify that the report entitled “**Hospital Mangement System**” submitted by E.Archana R170838,G.Pavani R170879,B.Farhana R170888 as a part of Mini Project in second semester of third year in Computer Science Engineering is a bonified work carried out here under my supervision and guidance.

**Project Guide**  
**K.Vinod Kumar**  
**Project Internal Guide**  
**Computer Science and Engineering**  
**RGUKT ,R.K.Valley**

## **Declaration**

We E.Archana R170838,G.Pavani R170879,B.Farhana R170888 declare that this report entitled “**Hospital Management System**” is submitted by us under the guidance and supervision of **K.Vinod Kumar**.

**Date:**

**Place:**

## **Acknowledgment**

I would like to express my sincere gratitude to K.Vinod Kumar, my project internal guide for valuable suggestions and interest in the progress.

I am grateful to Harinadha , HOD CSE, for providing excellent computing facilities and a congenial atmosphere for progressing with my project.

**With Sincere Regards**

R170838 E.Archana

R170879 G.Pavani

R170888 B.Farhana

## **ABSTRACT**

Hospital Management System is an organized computerized system designed and programmed to deal with day to day patient operations and management of the hospital activities. The program can look after patients records and their login and registration details that have stored in the database. In this we are providing information about the different specialists available in the hospital and we are allowing the patient to book their appointment with their specified doctor for consultancy. For emergency purpose we are providing various contact details like hospitality number, Ambulance number and also doctor number if it is too necessary. To know more about the hospital we are providing social media links which helps the people a lot.

# **SOFTWARE REQUIREMENT SPECIFICATION FOR HOSPITAL MANAGEMENT SYSTEM**

## **SCENARIO**

The project “**Hospital Management System**” includes registration of patients storing their details into the system, storing login details and knowing about the different specialists and booking appointment to necessary doctor for successful operation.

## **REQUIREMENTS GATHERING**

1. User can be able to view the MEDWIN hospital website by using url
2. In the hospital page if they want to know about the details of the hospital and doctors they have to login by using username and password.
3. If user forget the password he/she can be able to change the password by clicking forgot password or they can contact the support team.
4. After successfully logged in they will have view on different specialists and there is an appointment option.
5. User can book their appointment with specific specialist based on their health issue.
6. In the appointment section user can fill appointment form by entering the details like name, date of birth and their address.

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## **Introduction:**



1.This Software Requirement Specification provides a complete description is all about knowledge how to book appointment to the hospital.

### **Purpose:**

In today's world health is more important than anything.people are facing so many health issues .Nowadays doctors are very busy in the hospitals we have to wait for a long time to consult a doctor.So to consult a doctor they can book their appointment .

### **Document Convention:**

In this SRS document headings are in bold capital letters and matter is conveyed in normal letters and related diagrams are used to understand clearly whenever necessary.

Intended Audience:

The intended audience are Patients,Doctors.

### **Stakeholders:**

Users : Patients

### **Product Scope:**

Hospital Management System project can prove to be immensely useful for the patients because because the hospital is providing the ambulance for emergency.There are annually soo many million patients are there in our country according to the statistics of health

departments. They must need affordable hospitality charges, emergency vehicles and special treatments for various health issues can use this software and get resolve their problems.

## **TECHNOLOGIES:**

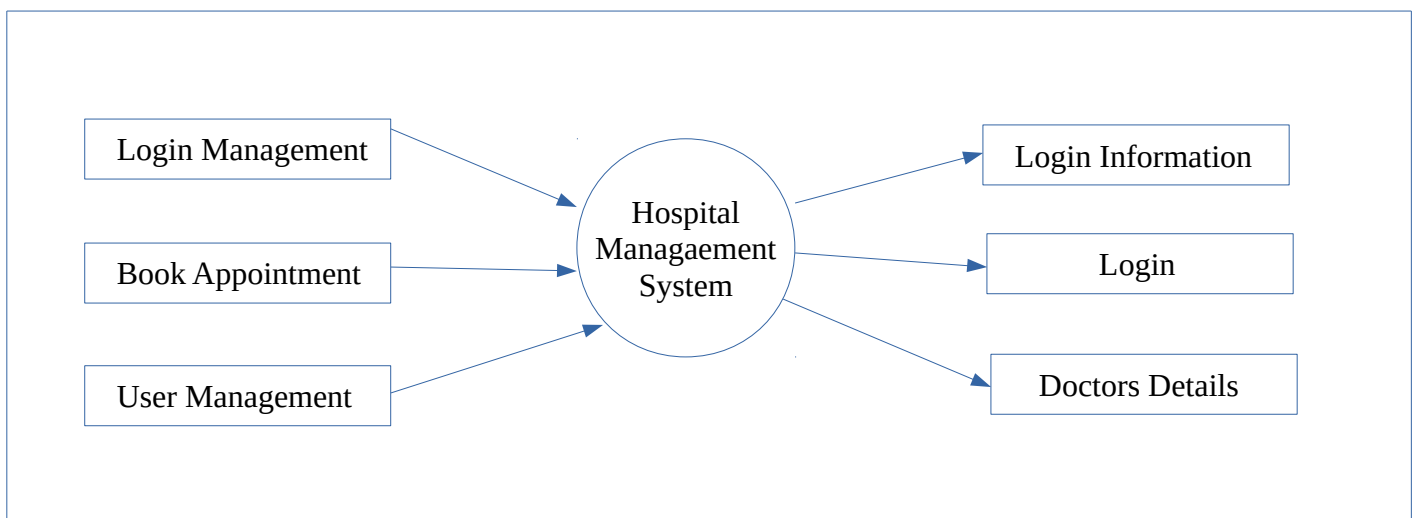
Front-end : HTML, CSS, JAVA-SCRIPT

Back-end : DATABASE, MYSQL

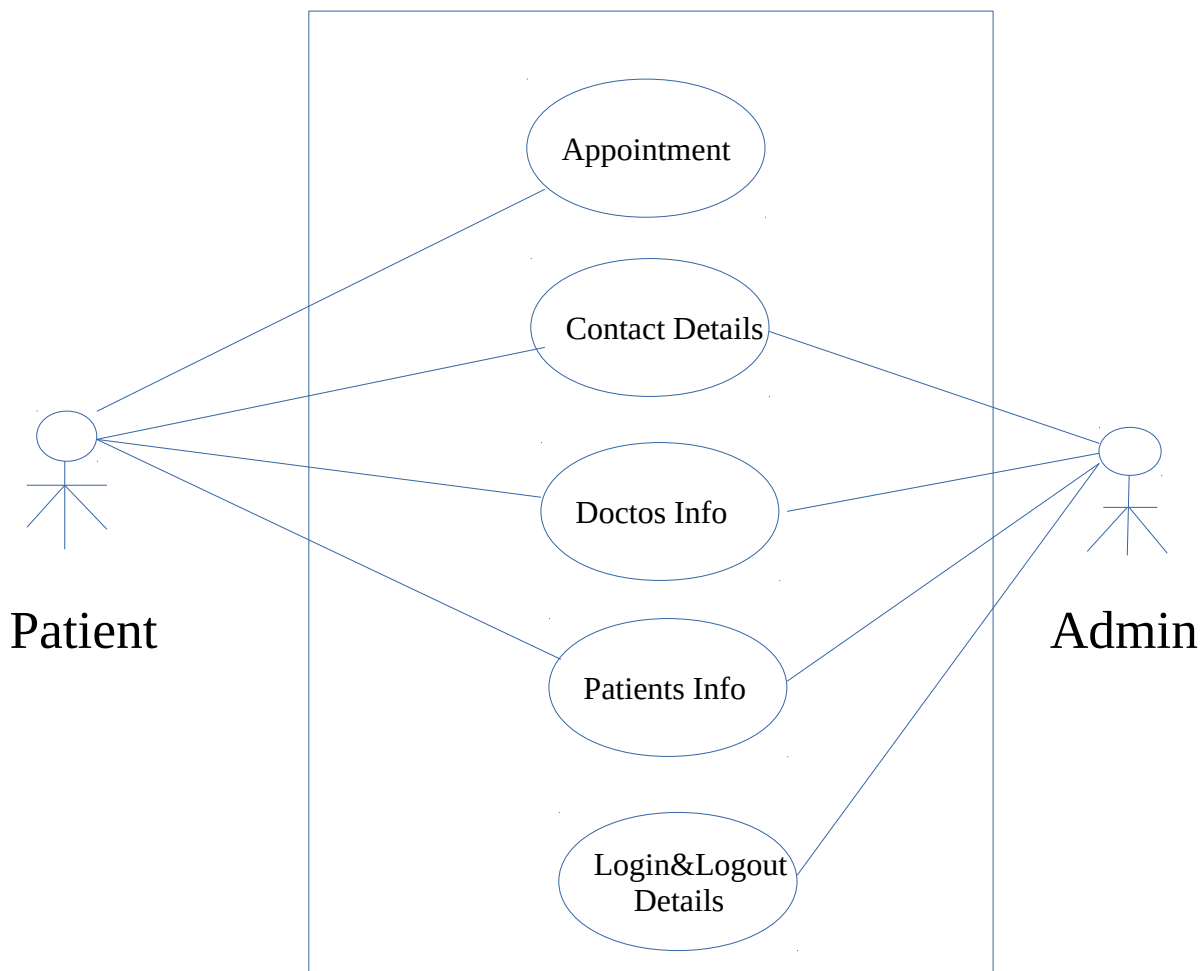
## **System in Context:**

Hospital Management System named Medwin Cares website is a multiuser system which provides details of doctors and patient details accounts. The patient can visit the website and can choose a specialist and also appointment is also allowed and contact the hospitality members for more information.

## **Context Diagram:**



## **Usecase Diagram :**



## **Functional Requirements:**

**Hospital management system have two functional requirements**

**Admin Requirement:**

- **Admin can change login details information**

**End-User Requirement:**

- **End-Users book tour plan according to their choice**
- **User can Sign-up after filling all the fields mention in the sign-up form**

## **System Requirement:**

- **Travel management system offer logout functionality to end user.**
- **Travel management system will only accept a valid details to enroll on a travel management system in PHP.**

## **Non-Functional Requirements:**

### **Reliability:**

**Customers can get reliable information about tourist places.**

### **Usability:**

**This tool should has user friendly GUI. User can use it effectively.**

### **Availability:**

**Customer can access this website at any time .**

### **Accessibility:**

**This tool support multi user accessing. Any user can access the system from different places to use the tool.**

### **Performance:**

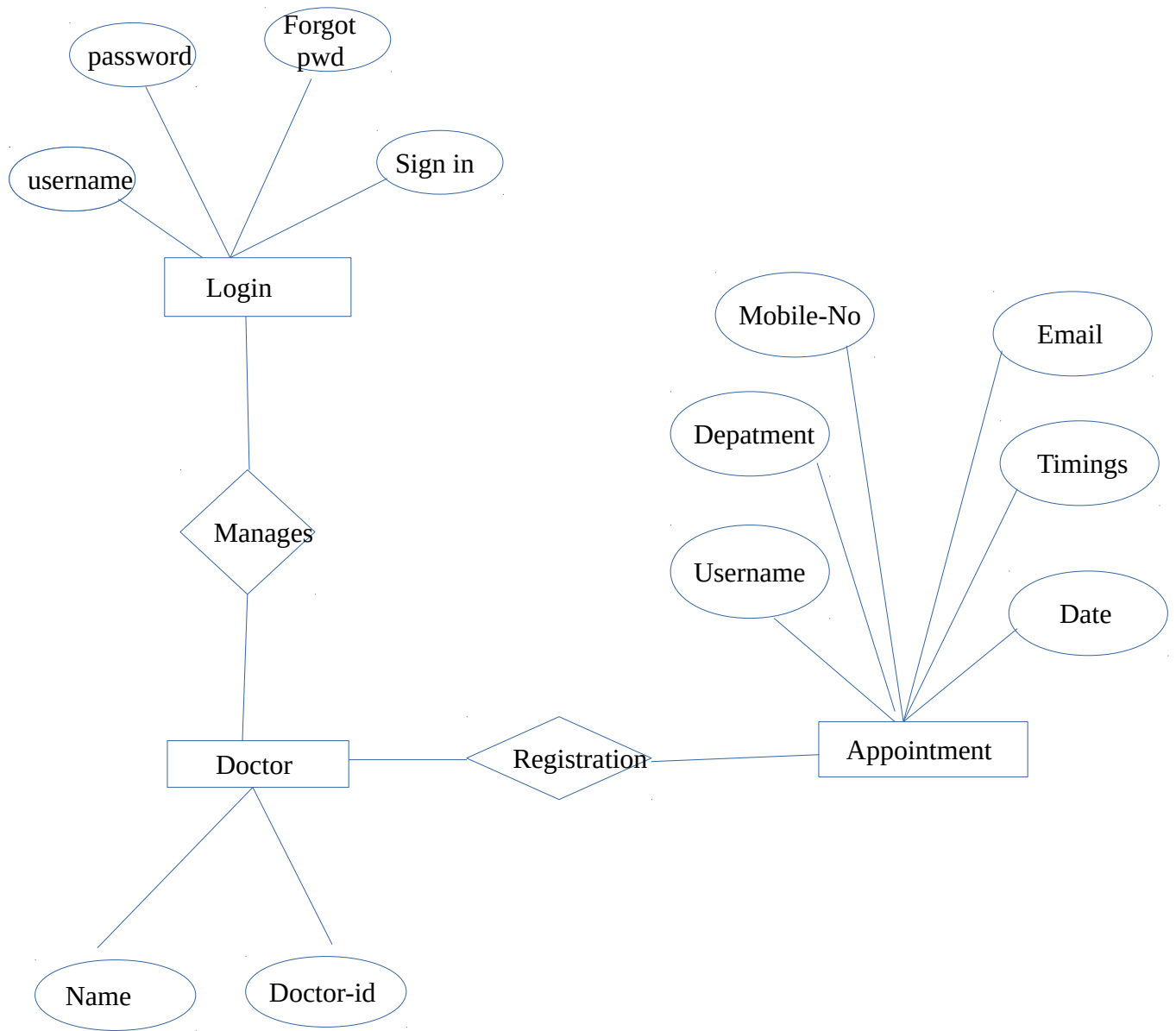
**User should have fast access. User should retrieve the information from database very quickly.**

### **Security:**

**As it is a web based application it should be more secure .**

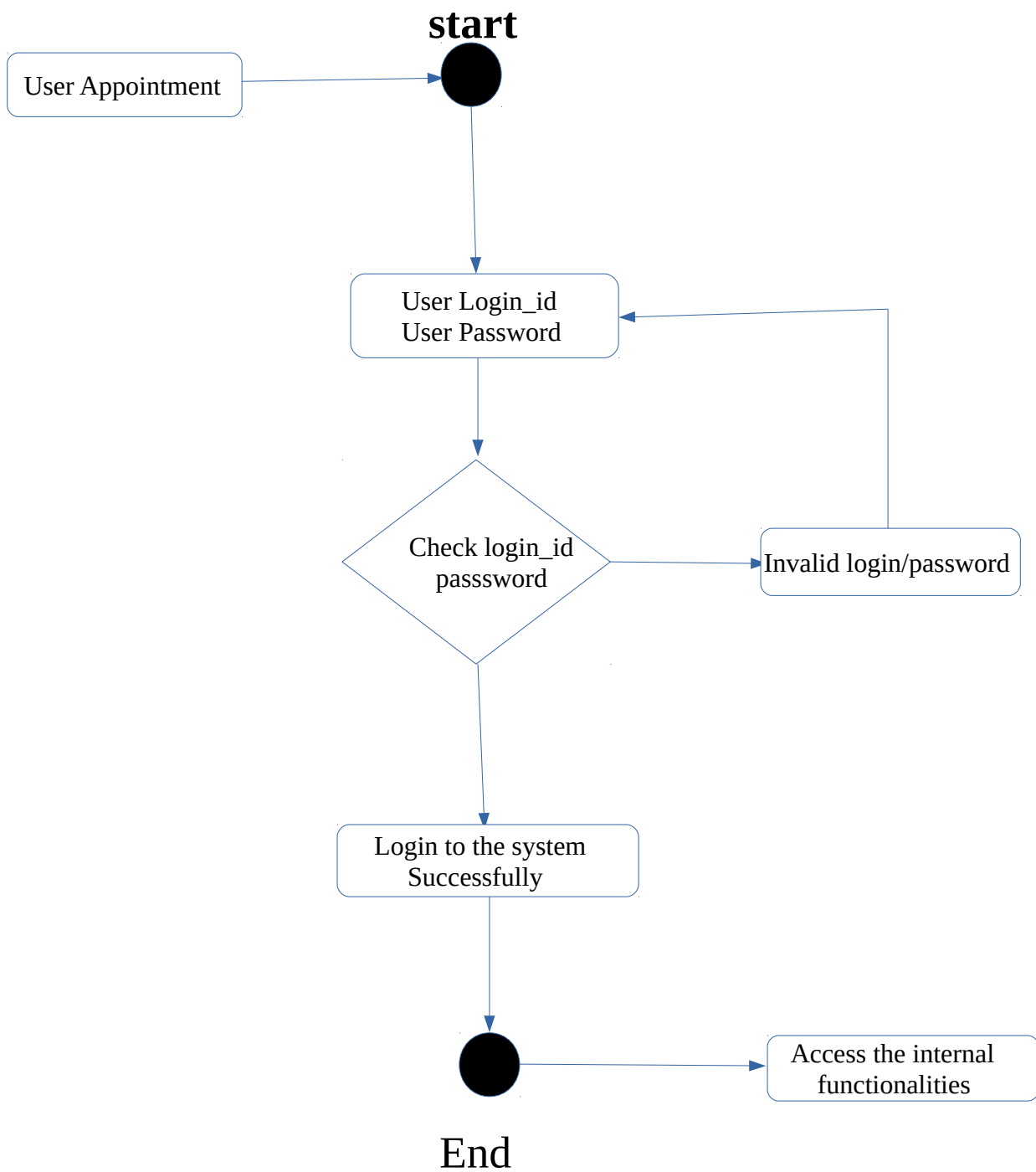
### **Platform Compatibility:**

**This tool has to work on any kind of operating system without modifying it.**

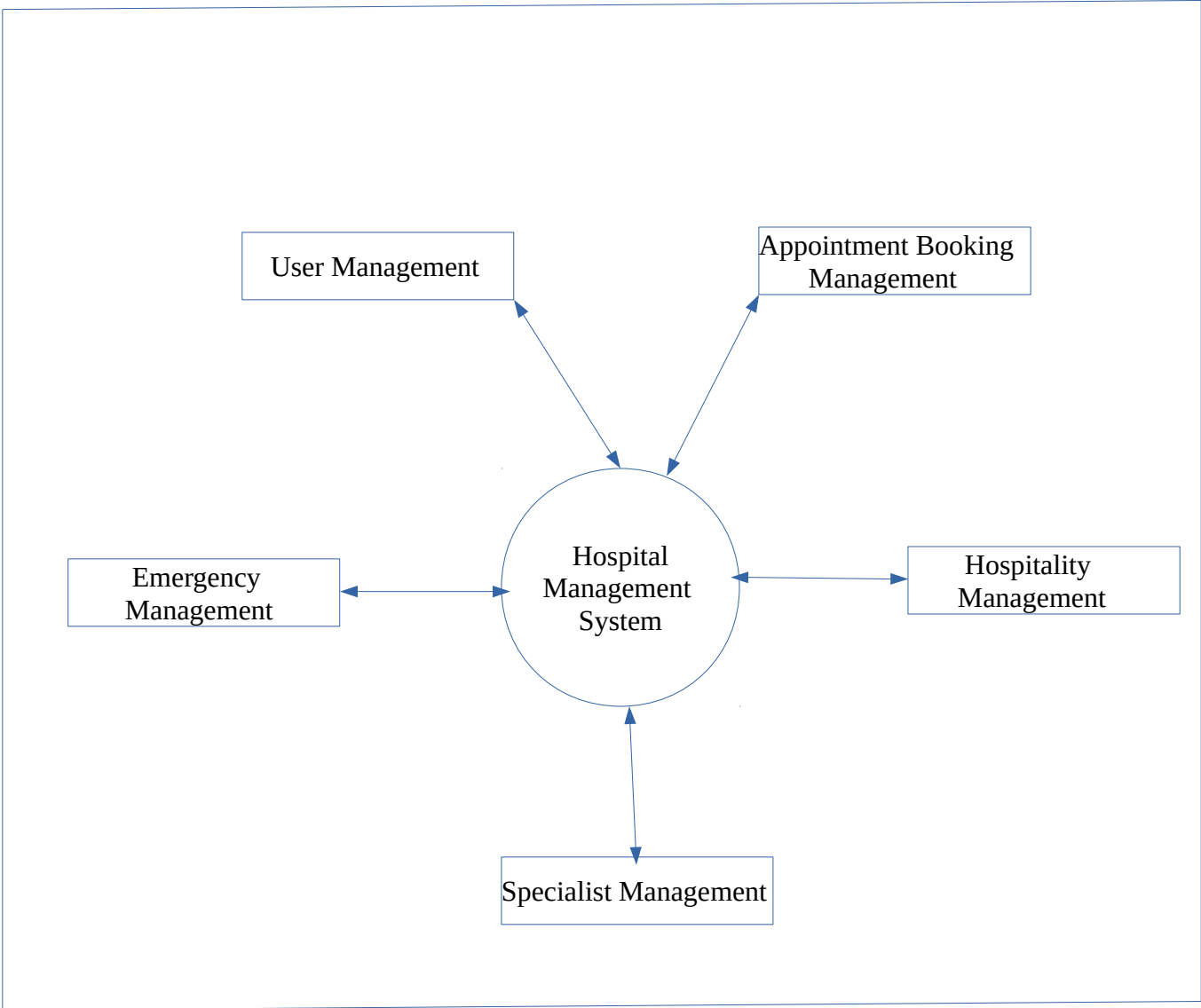


**E-R Diagram for Hospital Management System**

## Activity Diagram:



**Data Flow Diagram:**



## **Testing :**

**Unit Testing :** Unit test is a piece of code written by a developer that executes a specific functionality in the code to be tested and asserts a certain behaviour or state the percentage of code that is tested by unit tests is typically called test coverage.

**Integration Testing :** Integration testing is an approach where modules are developed and testing of modules always start at the finest level of the programming hierarchy and continues towards the lower levels. Its the extension of unit testing it takes smaller units of unit testing and tests their behaviour as a whole.

**System Testing :** System testing of software or hardware is testing conducted on a complete integrated system to evaluate the systems compliance with its specified requirements. System testing falls within the scope of black box testing and as such should require no knowledge of the inner design of the code or logic. As a rule system testing takes as its input all of the integrated software components that have passed integration testing and also the software of the system itself integrated with any applicable hardware systems.

The purpose of integration testing is to detect any inconsistencies between the software units that are integrated together or between any of the assemblages and the hardware. System testing is a more limited type of testing it seeks to detect defects both within the inter assemblages and also within the system as a whole.



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no worries, [click here](#) to reset your password.

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Irritation M0de



Depression



Tangle Relations



Mental Health

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### Dentist



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### Cardialist



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### Pediatrician



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Gastroenterologists



View Details

Pediatrician Consultation

X

A pediatrician is a doctor who focuses on the health of infants, children, adolescents and young adults. Pediatric care starts at birth and lasts through a child's 21st birthday or longer.....

**Check-Up:** Perform regular health and wellness checkups.

**Physical Exam:** Track your child's physical, emotional and social development.Diagnose and treat illnesses, injuries and other health conditions..

**Health Advice:** Refer families to specialists as needed.

**Doctor's Name:** Dr. Omkar Nath Bhakoo/p>

**Designation:** Pediatrician & Neonatologist

**Education:** M.B.B.S., D.C.H., M.D. (Pediatrics).

Appointment

Back

Appointment Form

Name

E-mail

Purpose Of Appointment

Mobile Number

Select Department

Select Date

dd / mm / yyyy

Select Time

Select Time

Send message

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## CONTACT US

### HOSPITALITY

Phn Num:9121905140

Alternate Phn Num:9121281400



### AMBULANCE

Phn Num:998218933687

Alternate Phn Num:998218933687



### DOCTOR

Phn Num:9110554987

Alternate Phn Num:6303004564



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## ABOUT US

**MEDWIN** Hospital is a multi/super speciality hospital located at the prime location of Vaishnodevi Circle, SG Road, Ahmedabad; with state-of-the-art facilities & treatments at an affordable cost, encompassing wide spectrum of accurate diagnostics and elegant therapeutics created on the philosophical edifice of patient and ethical centricity ensuring humanistic dispensation.

Multiple Options For Treatment.  
Full Of Latest Technologies and Equipments.  
Best Hospital Of 2020 Award Winner.  
24/7 Ambulance Support.  
Eminent and Experienced Doctors.



Activities Firefox Web Browser Fri 21:05

Hospital Management System PPT - Hospital Management /home/student/Desktop/project hospital/About.html

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## OUR DEPARTMENTS

MEDWIN Hospital is spread over a massive 6 acre campus providing **300+** beds and catering for nearly 45 super-specialties.

### Cardiology

The department of cardiology at UNITY Hospital comprises of top cardiac experts who have appreciable experience in dealing with various types of cases in the cardiology and perform accurate diagnosis

### Dermatology and Cosmetology

The dermatology department of UNITY Hospital consists of a team of dermatologists and staff who are practicing in the field of dermatology and cosmetology for years and perform their best to treat the patients.

### Emergency Care, CCU, & ICU

At UNITY Hospital, 24x7 care is provided to all our patients, keeping in mind patient dignity and ethical practice. Holistic care is ensured by our team of critical care experts who use a multidisciplinary approach.

### General Surgery

At UNITY Hospital, we have a team of experienced general surgeons who possess the skills to carry out the most complex surgeries.

## **CONCLUSION :**

This is the conclusion of **Hospital Management System** in which people are allowed to book their appointment to consult a specialist for their health issue. People can book their appointment by using smart devices from where they are, emergency services also provided here and to know more information we attached many social media links followed by contact details..