

**A
Project Proposal
On
"Hospital Management System"**

Prepared by
Group-4

Under the guidance of
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A Proposal Submitted to
Lambton College Toronto
Post Graduate Diploma
in Cloud Computing for Big Data
(1st Semester Java Team Project 2020W_MAD_3463_2)

Submitted at



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1) Team Members:

- Kalhaar Balabhai Savaj (C0777017)
- Sachin Ashokkumar Brahmbhatt (C0773445)
- Garvit Bharatkumar Patel (C0769187)
- Pallavi Ravikumar Ravikumar Kotvir (C0779388)

2) Responsibilities Distribution:

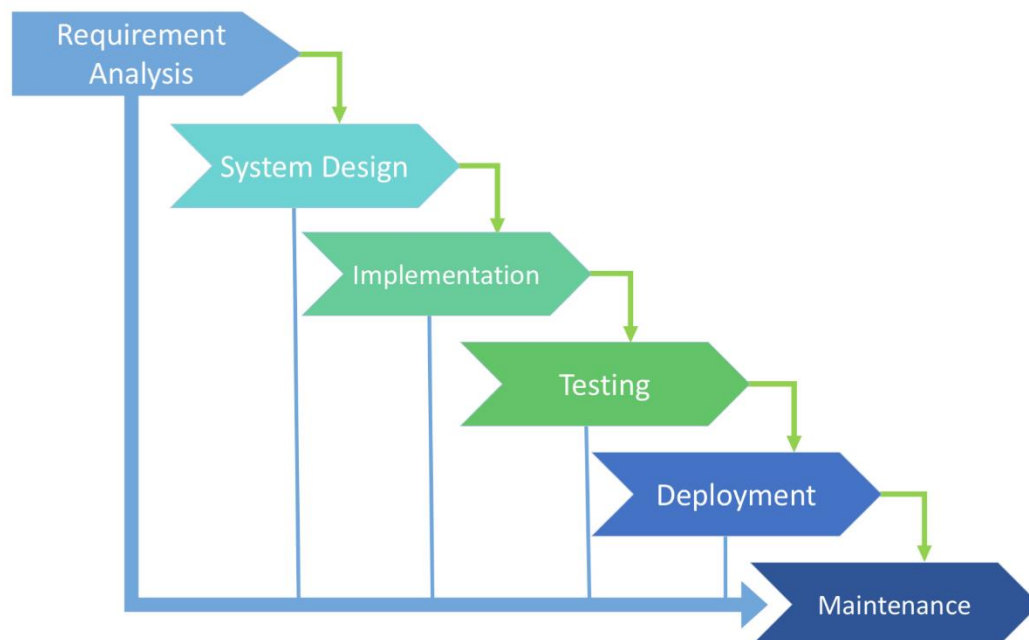
- Garvit Bharatkumar Patel:
 - Project Definition and Architecture
 - Requirement Gathering
 - Database Design
 - Logic Implementation
- Sachin Ashokkumar Brahmbhatt:
 - Database Connection
 - Database Implementation
 - Queries and Programming
 - Security
- Kalhaar Balabhai Savaj:
 - Inputs Validations
 - Web designing
 - Programming
- Pallavi Ravikumar Ravikumar Kotvir:
 - Logic Implementation and Integration
 - Testing

3) Project Summary:

- We are going to create a fully functional “hospital management system” web application which has multiple types of users, appointment booking, and storing medical history.

4) SDLC Model:

- We are using Iterative Waterfall Model to implement our web application because the project is very small, and we know the exact business requirements and the requirements are not going to change in near future.



5) Explanation about the Project:

- Our project will satisfy the all basic requirement for any small hospital. Using our web application, a patient can book an appointment for the available slot in a hospital. A receptionist can manage all the appointments and generate the Invoice at exit. All the medical history of patient will be kept in a highly secured environment. In our web application there will be features like:
 - User registration
 - Role-based login
 - Receptionist Dashboard
 - Booking appointment based on slots available
 - Searching and updating user data
 - User report and Medical history
 - Invoice generation

6) Wire frames:

HOSPITAL MGMT SYSTEM

Page No.:
Date:

Page No.:
Date:

USER REGISTRATION

Name

Email

Password

SIGN UP

LOGIN

Email

Password

LOGIN

PATIENT LOGIN

BOOK APPOINTMENT HISTORY

Available Time Slots

- ☐ 9 am to 10 am
- ☐ 1 pm to 2 pm
- ☐ 4 pm to 7 pm

Book Appointment

DOCTOR LOGIN

DASHBOARD **PATIENT HISTORY**

Current Patient

Blood Pressure	
Sugar level	
Symptoms	

SUBMIT

Next Patient

RECEPTIONIST LOGIN

DASHBOARD **BOOK APT.** **BOOKING HISTORY**

APT 1 **INVOICE**

APT 2 **INVOICE**

BOOKING & INVOICE HISTORY

Search

☐ By Date ☐ By Name ☐ By INVOICE ID **Search**

INVOICE

Invoice ID

Patient name: ---

Doctor name: --- Date: ---

Diagnosis: ---

Consulting Fees --- \$400

Medicine Fees --- \$60

Tax (13%) \$130

SubTotal **\$113.0**