A
Project Proposal
On
"Hospital Management System"

Prepared by

Group-4

Under the guidance of

Prof. Simrandeep Kaur

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)
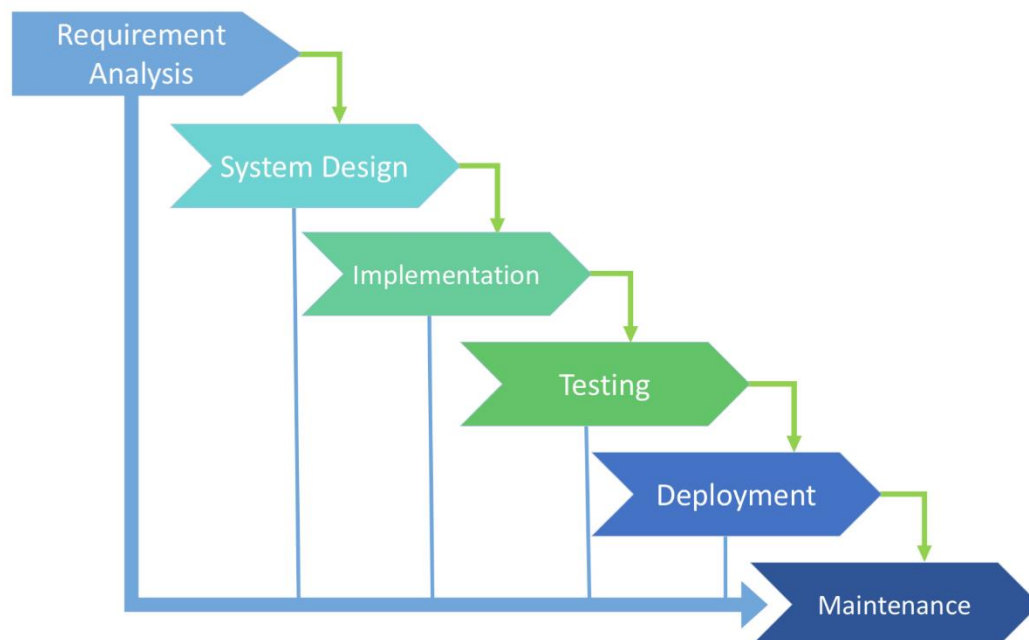
2) Responsibilities Distribution:

- 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 <u>Iterative Waterfall Model</u> 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: