PROJECT REPORT

DOCTOR OFFICE-APPOINTMENT MANAGEMENT

Roll no:S20170010019

1)Scope:

The project to build an efficient online doctor appointment system which creates an environment to make the appointment with the doctor in their own preffered time slot in which doctor is available for their required treatment without clashing with other patients and also to give prior reminder of their appointment when time approches and also to send information to them if there are any changes due to some circumstances and to allot the new slots and etc..

2)Functional requirements:

- To note down the patients names and their corresponding health issues.
- And then allot them to a doctor concerned with their condition.
- Then provide them a appointment(token) number and also give them a particular time slot in which the doctor is available
- Give them the prior information if there is any change of timings and availability of doctor.
- Display the stored information in proper order to avoid further confusions.
- To maintain separate id for every patient.
- To display the information of list of doctors in their hospital along with their qualifications and area of concern in home page.
- To send the list of registered patients for a particular doctor to every individual doctor.
- Allow the patients to give the feedback about hospital,facilities and doctors.
- To provide health insurance policies to the public.
- To provide online ambulance facility booking in emergency cases.

- To provide online gps tracking facility of ambulance after making call and confirming the ambulance.
- To provide the users to read the feedback given by others and select the doctor.
- To notify the user in proper time to take madicines during his medication.
- To provide the doctors to change the time slots in case of any inconvinience.
- To provide online billing facility to the users.
- To provide cab booking facility to doctors and other staff in the hospital.
- To maintain the vacancy rooms in the hospital which can be useful in over crowded times.
- The app should ensure that the information given by the patients is true.

3)Non-Functional requirements:.

- To store other additional information of patients like age,sex.
- Keep a reminder to the patient as their time of appointment approches.
- Update the live status of the patient like whether is appointment is completed or not before his visit and health status after visit.And also to update information of his date of visit and tablets given to him which may be helpful if the same patient visits the hospital afterwards.
- To allow the patient to select the preferred time slot to him.
- To provide the users with appointment cancellation policy.

4)Constraints:

- To make sure that no two patients are alloted the same time slot for the same doctor.
- Also to make sure of the availability of doctor in the given time slot.
- To keep the correct track of patients with same name and similar characterstics.

5)Completion Criteria:

- All the patients make appointments without any problem and are alloted unique timings for unique doctor and we are able to store the information and keep track of correct status of the patient and provde information the patient as we planned then we can say that the project meets the completion criteria.