

Project Report

Group 5

## Submitted To :



**Submitted By :**

201912001 – Krima Shah

201912046 – Nidhi Patel

201912084 – Shivi Sanadhya



**TABLE OF CONTENTS**

|  |  |  |
| --- | --- | --- |
| SR.NO | TOPIC | PAGE NO |
| 1 | Project Definition | 2 |
| 2 | Purpose of project | 2 |
| 3 | Requirements | 3 |
| 4 | Use-Case Diagram | 4 |
| 5 | Class Diagram | 4 |
| 6 | Snapshots Link | 4 |
| 7 | Technology Used | 5 |
| 8 | Contribution | 6 |
| 9 | Learning | 7 |
| 10 | Conclusion | 8 |
| 10 | Acknowledgments | 9 |



**PROJECT DEFINITION**

**Project Title**: CuresU

The System is all about:-

* Booking online appointments of doctors.
* Online consultancy with the doctors.
* Online Prescription by the doctors (if advisable).
* Online payment to the doctor.
* Keeping the record of the patients as well as doctors.
* Provides verified Doctors for the online appointments.
* Managing the appointments.



**PURPOSE OF THE PROJECT**

We are developing a web app called CuresU which will help the patients to connect with the doctors available in their nearby locality and can book online as well as offline appointments. It will also become easier for data records and retrieval. This software also stores all the patient details, patient's profiles, prescriptions, etc. This system enables doctors and clinic assistant to manage patient records and appointments. User can enter their details, update their profile and they can select doctors to make appointments. System it can help the clinic to manage their appointments.



**REQUIREMENTS**

Functional Requirements

A doctor is responsible to cure their patients and provide treatments to them accordingly:

* Get information about his/her patients.
* Provide a prescription to the patients
* View the medical history of the patients
* Take payment accordingly.

A patient is responsible to provide proper information on their problem and follow the instructions given by the doctor :

* Request for an appointment
* List the symptoms they have.
* Do payment accordingly.

Non Functional Requirements

* Each doctor must be authenticated before accessing any of the functional requirements. (i.e. Authentication)
* Each patient must be authenticated before accessing any of the functional requirements. (i.e. Authentication)
* Each doctor and patient should be able to perform actions that he/she is supposed to perform. No other actions can be performed by the user. (i.e. Authorization)
* Have to take an offline appointment if needed or told by the doctor.
* Generated reports must be accurate.
* If any error occurs in the system, there should be a proper error message.



**USECASE DIAGRAM LINK**

<CuresU_Use_Case.pdf>



**CLASS DIAGRAM LINK**

[ClassDiagram.pdf](file:///D:\documentation\SI_documents\ClassDiagram.pdf)



**SNAPSHOTS LINK**



**TOOLS AND TECHNOLOGIES USED**

* Java hibernate
* JDBC backend
* JSP frontend
* CSS + html
* jQuery+ Ajex



**CONTRIBUTION**



**LEARNINGS**



**CONCLUSION**

* The system was mainly designed to reduce the manual work of keeping records physically.
* It also provides flexible user interface
* It helps the patients to take appointment easily.
* We know we might have made some mistakes knowingly or unknowingly. But all the suggestions regarding this system are always welcome.



**ACKNOWLEDGMENTS**

* We would like to thank our Mentor Prof.Shruti Bhilare, for the support and guidance that they provided us.
* We would like to mention here some of the resources that we have used during this project:

1. For technical error solving (StackOverflow & GitHub-IssueForums)
2. For Java Hibernate tutorials (Hibernate tutorial by Telusko)(Youtube).