

EduBridge



A Project

Report On

Hospital Management System

By

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B.Tech

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Center: Bangalore

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Technical Trainer

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(School of coding)

Introduction:

Our project explains about the Hospital Management System. This project mainly explains the various actions related to doctor, patient and admin. You can search various appointments and admin can view various doctors who is there in the hospital or not.

Our Project Include Modules:-

- Admin Module
- Doctor Module
- Patient Module

I have developed this Application in **Java, JSP, Servlets, Hibernate, Spring Boot and MySQL**. It's a web-based projects so I have used **HTML, CSS, JavaScript and Bootstrap also**.

The main feature of the project is to Take appointment easier. You can access this website from anywhere and everywhere.

In Admin module, admin can add the doctor and can delete doctor in the specific module. He can also view the total number of doctors and users at present in the website. And doctor and patient details also. Admin can only see the admin page and if he wants to delete and add doctors or patient appointment reviews.

In Doctor module, patient can access the website and take appointment by seeing the consult doctor in the doctor history. New doctor can register and login after that he can access the appointment history too.

In Patient module, patient can register if he is a new patient and take appointment to the consult doctor if necessary or can cancel the appointment within short interval of time. If patient is a member already he can take appointment to the consult doctor directly.

Software Requirements:

Front end: Java/J2EE technologies (Servlet, JSP), Spring boot, HTML, CSS, JavaScript, Bootstrap, Hibernate.

Back end: MySQL workbench 8.0.23CE.

Middleware/Server: Apache Tomcat v7.5. IDE: Eclipse IDE or Mars for Java EE Developers

Browser: Best result on Google Chrome

Operating System: Window 10

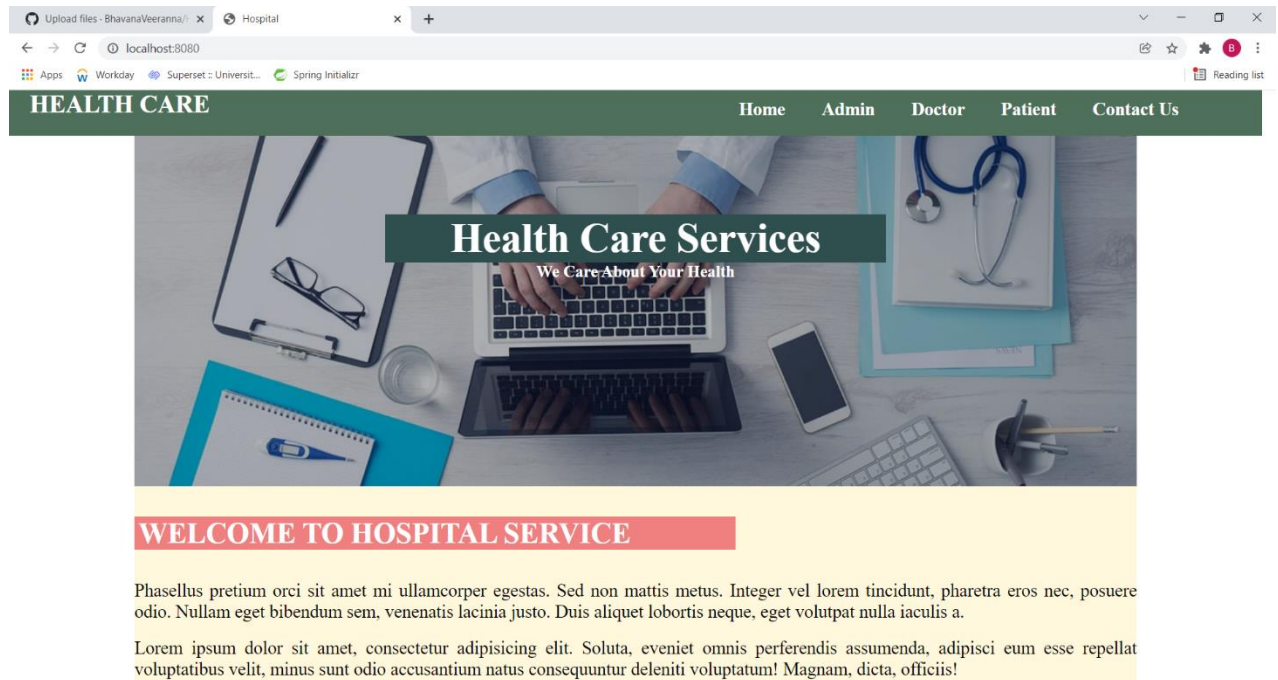
Data Dictionary:

Create Database Project;

- Hibernate: create table doctorlogin (username varchar(255) not null autoincrement , password varchar(255), primary key username)
- Hibernate: create table login (username varchar(255) not null autoincrement, password varchar(255), primary key username)
- Hibernate: create table patient (patientid int not null autoincrement, email varchar(255), mobile bigint, name varchar(255), password(255), patientid primary key, mobile not null)

Screenshots:-

Home Page:



Login Page:

Upload files - BhavanaVeeranna x Welcome to Hospital Managemen... x +

localhost:8080/login

Apps Workday Superset - Universit... Spring Initializr

Reading list

Login Page

User Name:

Password:

Submit

Doctors details:

Upload files - BhavanaVeeranna x Admin page x +

localhost:8080/admin?fullName=admin%40gmail.com&Password=123456

Apps Workday Superset - Universit... Spring Initializr

Reading list

Home Admin Doctor Patient Contact Us

Doctor Details

First Name :

Last Name :

Department :

Qualification :

Experience :

Contact No :

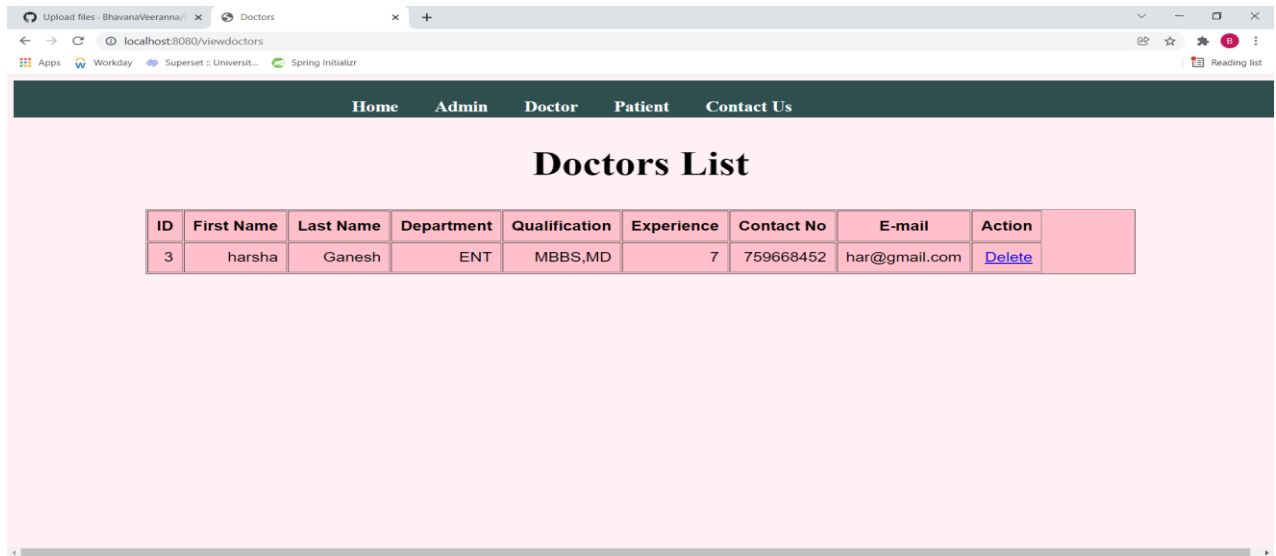
Email :

Password :

Add View Doctors

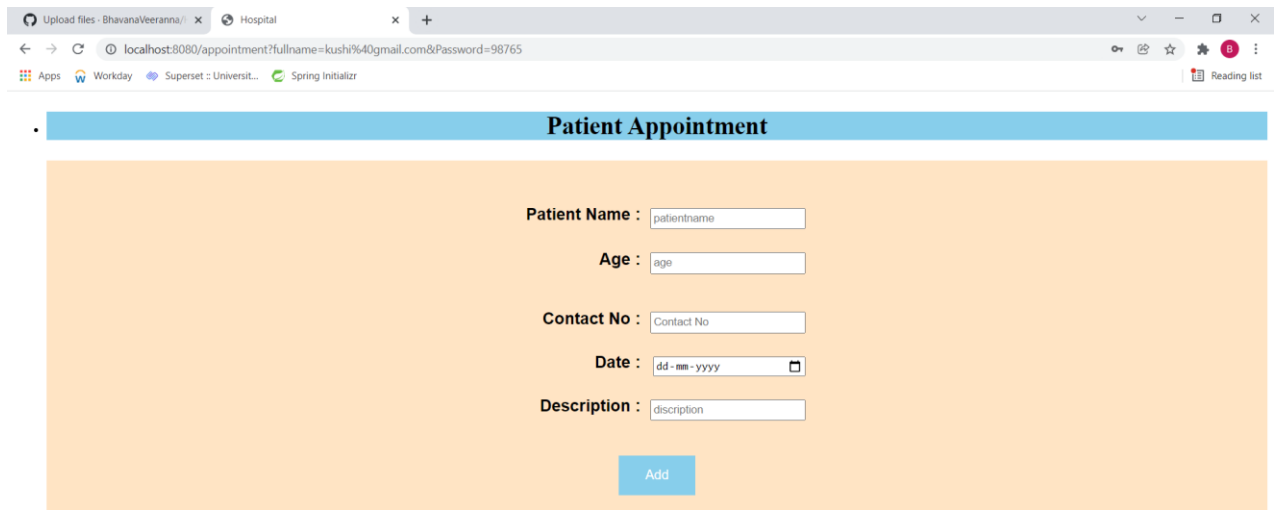
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Doctor List:



ID	First Name	Last Name	Department	Qualification	Experience	Contact No	E-mail	Action
3	harsha	Ganesh	ENT	MBBS,MD	7	759668452	har@gmail.com	Delete

Patient Appointment details:



Patient Appointment

Patient Name :

Age :

Contact No :

Date :

Description :

Patient Login:

Upload files - BhavanaVeeranna/ x Welcome to Hospital Management x +

localhost:8080/plogin

Apps W Workday Superset : Universit... Spring Initializr

Reading list

Login Page

User Name:

Password:

Submit

New Patient Registration:

Upload files - BhavanaVeeranna/ x hospitalManagement x +

localhost:8080/patient

Apps W Workday Superset : Universit... Spring Initializr

Reading list

New Patient Register

Name :

Email :

Mobile :

Password :

Submit Login

Appointment list of Patient:



id	patientname	age	contactno	date	discription
1	harsha	18	7685992	2021-12-10 00:00:00.0	fever
2	jaya	15	755452	2021-12-03 00:00:00.0	headache
3	harsha	18	7685992	2021-12-02 00:00:00.0	
4	jaya	19	7933882	2021-12-19 00:00:00.0	

Doctor login page:



Welcome to Doctors Page

Doctor Login:

Upload files - BhavanaVeeranna/

Insert title here

localhost:8080/doctorlogin

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Reading list

Doctor Login Page

User Name:

Password:

Submit

Doctor List:

Upload files - BhavanaVeeranna/Doctors

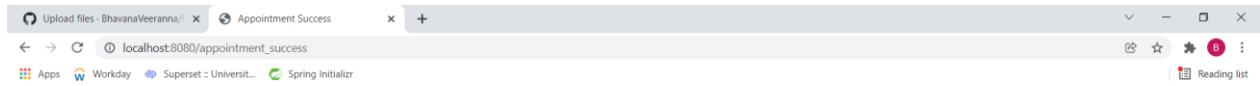
localhost:8080/viewdoctors

AppsWorkdaySuperset - Universit...Spring Initializr

Reading list

HomeAdminDoctorPatientContact Us									
Doctors List									
ID	First Name	Last Name	Department	Qualification	Experience	Contact No	E-mail	Action	
3	harsha	Ganesh	ENT	MBBS,MD	7	759668452	har@gmail.com	Delete	

Appointment Booked successfully:



Appointment booked successfully!!

Data Added in Database SuccessFully:

A screenshot of the MySQL Workbench interface. The 'Navigator' pane on the left shows the 'project' database selected. The 'Query Editor' pane in the center contains the SQL query: `SELECT * FROM project.appointment;`. The 'Result Grid' pane below the query editor displays the results of the query. The 'Output' pane at the bottom shows the execution log with four successful queries. A message box on the right states: 'Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.'

#	id	age	contactno	date	discription	patientname
1	18	7685992	2021-12-10 00:00:00.000000	fever	harsha	jaya
2	15	755452	2021-12-03 00:00:00.000000	headache	jaya	harsha
3	18	7685992	2021-12-02 00:00:00.000000		harsha	jaya
4	19	7933882	2021-12-19 00:00:00.000000		jaya	karthik
5	18	78545566	2021-12-19 00:00:00.000000			

#	Time	Action	Message	Duration / Fetch
1	12:09:05	SELECT * FROM project.doctorlogin LIMIT 0, 1000	0 row(s) returned	1.203 sec / 0.015 sec
2	12:09:19	SELECT * FROM project.doctor LIMIT 0, 1000	1 row(s) returned	0.000 sec / 0.000 sec
3	12:09:22	SELECT * FROM project.contact LIMIT 0, 1000	0 row(s) returned	0.078 sec / 0.000 sec
4	12:09:24	SELECT * FROM project.appointment LIMIT 0, 1000	5 row(s) returned	0.015 sec / 0.000 sec

Contact us:

The screenshot shows a web browser window with two tabs: 'Upload files - BhavanaVeeranna/' and 'hospital Management'. The address bar shows 'localhost:8080/contact'. The browser's taskbar at the bottom includes icons for 'Apps', 'Workday', 'Superset - Universit...', and 'Spring Initializr', along with a 'Reading list' icon.

The web application has a blue navigation bar with the following links: [Home](#), [Admin](#), [Doctor](#), [Patient](#), and [Contact Us](#).

The main content area has a light blue header with the title 'Contact'. Below it, a green box contains the text 'Any Queries , Fill Details'. In the center of this box is an orange form with the following fields:

- Name :**
- email :**
- Message :**
-

At the bottom of the page, a black footer contains the text: '© All rights are reserved under Health Care'.

Thank you

