Project: Hospital GN2

Database: MySql [MySql Workbench]

Database Details:

User Name: root

Password: NSinuk@cv4

Schema Name | Database Name: hospital

Table: Doctor

docid int pk

docName varchar(100)

phone int(100)

address varchar(100)

degree varchar(100)

subject varchar(100) (speciality)

password varchar(100)

Table: Patient

name varchar(100)

phone int

address varchar (100)

dob varchar (100)

password varchar (100)

Table: Record

name varchar (100)

phone int

dob varchar(100)

problem varchar (100)

docName varchar (100)

medicine varchar(100)

test varchar (100)

treat int (100) PK

Project Details:

IDE: Netbeans

Technology: J2EE(Java, Servlet, JSP), JDBC(MySql)

Project Name: Hospital\_GN2

Modules: TBC

1. Patient

1.a Register

1.b.Login

1.b Booking

2. Doctor

2.a Register

2.b. Login

2.c Appointment Management

2.d Consultation

Design Pattern: MVC

M= Model (Java Class, DBClass, DBQuery Class)

**WebPages**

V= View (JSP, HTML, CSS, JS)

1. Bookings.jsp
2. displayRecords.jsp
3. dlog.jsp
4. doctorAccess.jsp
5. dreg.jsp
6. formstyle.css
7. index.jsp
8. login.jsp
9. patientAccess.jsp
10. plog.jsp
11. preg.jsp
12. register.jsp
13. style.css

**Source Packages**

Controller = com.hospital.controller

1.DAccessServlet.java

2.DlogServlet.java

3.Dreg.Servlet.java

4.LoginServlet.java

5.PlogServlet.java

6.PregServlet

7.RegisterServlet.java

**Java Objects**

Model = com.hospital.model

1. Consultation.java
2. Doctor.java
3. DoctorQuery.java
4. MyConnection.java
5. Patient.java
6. PatientQuery.java
7. Record.java
8. RecordQuery.java

1. Create Web Application Project

1.a.Choose project type

Graphical user interface, text, application

Description automatically generated

1.b.Set Name and Location

Graphical user interface, text, application, email

Description automatically generated

1.c.Set Server Settings and Click Finish

Graphical user interface, text, application, email

Description automatically generated

1.d.Click Finish to create new project

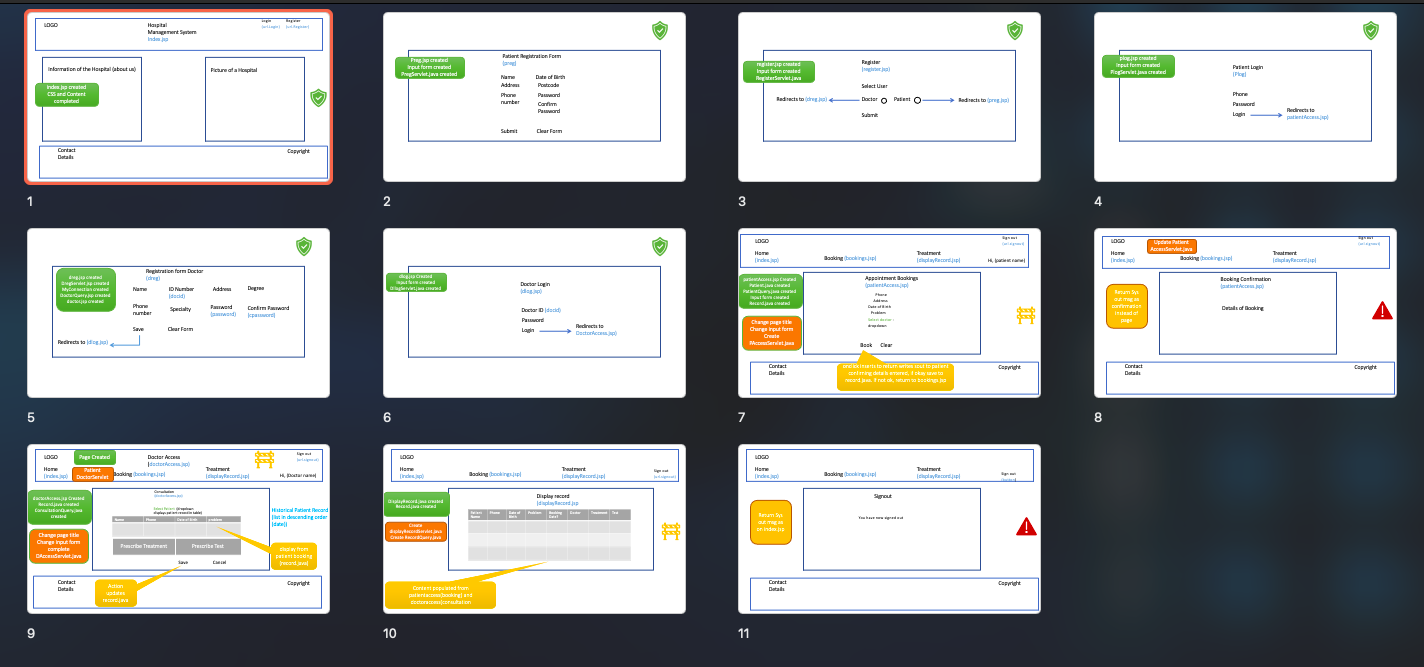
Graphical user interface, text, application

Description automatically generated

Hospital Project Structure

|  |  |  |
| --- | --- | --- |
| Webpages | Controller | Model |
| Graphical user interface  Description automatically generated with low confidence | Graphical user interface, application  Description automatically generated | Graphical user interface, application, Word  Description automatically generated |

2. Design Webpage Design – (use the business logic for the web application to determine navigation and functionality).

[](../../../../CME/Hospital-Management-System-TTA-Group-Task/Hospital%20Management%20Designv2.pptx)

3. Create Web Structure – (create the web pages for the web application).

3.a. – right-click on PatientCrud and select html, jsp or Cascading Style Sheet to add each new page

Graphical user interface, text, application

Description automatically generated

3.b. enter name

Graphical user interface, text, application, email

Description automatically generated

3.c. Click finish to add web page to project structure. If you are not using the index page, rename as desired

Graphical user interface, application

Description automatically generated

Java objects folder:

Graphical user interface, application

Description automatically generated

Create Web Pages

Set master page

Graphical user interface, text, application, email

Description automatically generated

Create Patient Class object to model

Graphical user interface, application

Description automatically generated

Create Database Connection

Add .jar to Library

Text

Description automatically generated with medium confidence

Graphical user interface, application

Description automatically generated

Add java Connection Class object to model

Graphical user interface, application

Description automatically generated