



M

Online Health Care Management System



M
TEAM NAME : SLAYSTACK

TEAM MEMBER :

AAYUSHI KASHYAP
DISHA SUGRA
SNEHA JADAUN

Project Aim and Capabilities

The **Online Healthcare Management System** aims to streamline healthcare operations by enabling patients to book appointments, while doctors manage schedules and admin handles user settings.



User Types

ADMIN

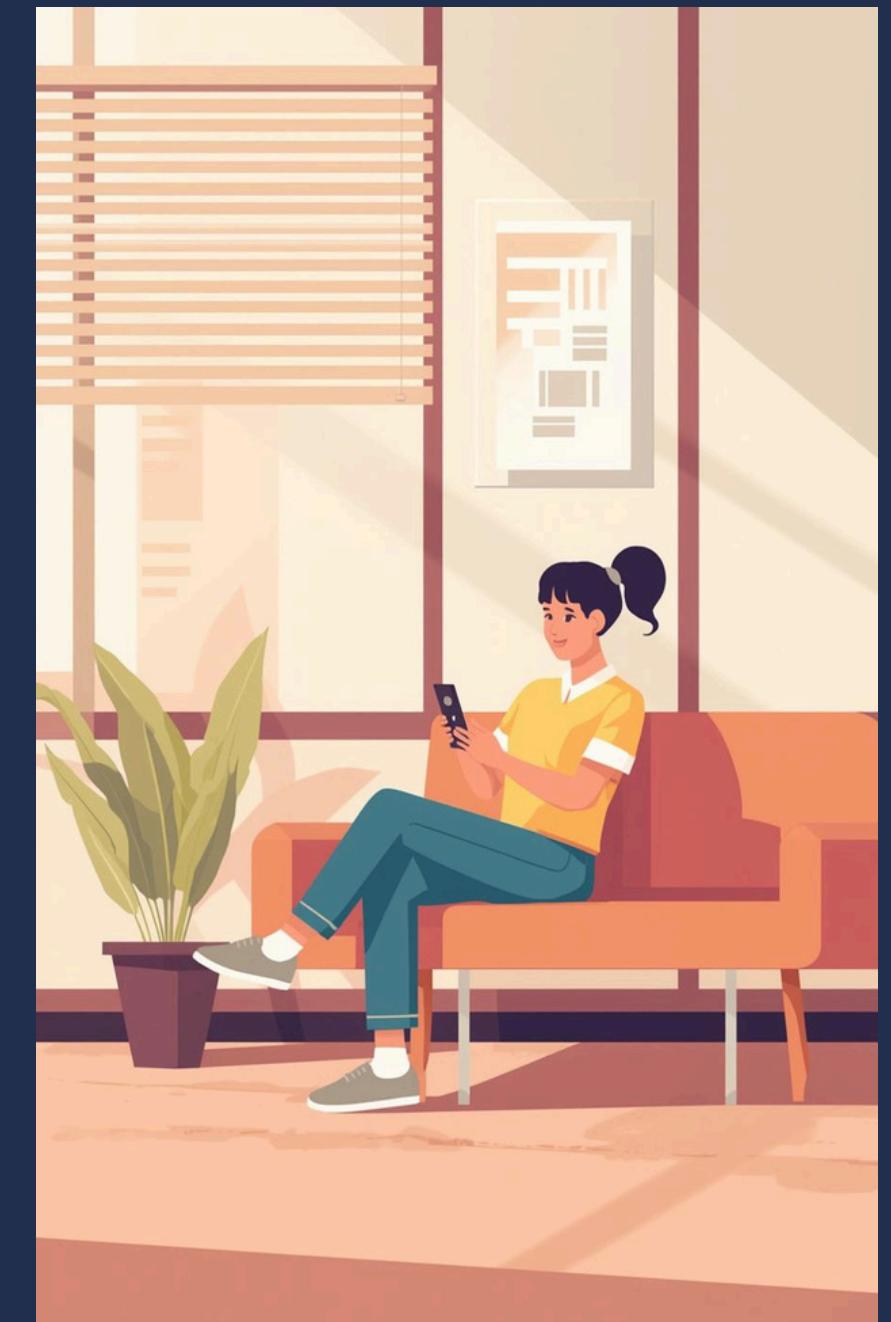
System overseer

DOCTOR

Healthcare provider

PATIENT

Service user



Admin Functionalities Overview

USER MANAGEMENT

The system allows admins to easily input user details, manage user roles, and ensure efficient updates, providing confirmation for each create, update, or delete operation.

APPOINTMENT MANAGEMENT

Admins can manage all appointment details, ensuring the correct scheduling of patient visits and doctor availability, with intuitive interfaces for easy access and modifications.

SYSTEM SETTINGS

Administrators can configure system settings efficiently, allowing for seamless updates and management of the healthcare platform, which ensures optimal performance and security for all users.

Doctor Functionalities in the System

SCHEDULE MANAGEMENT

Doctors can efficiently manage their **daily schedules**, allowing them to set, modify, and view appointments, ensuring they remain organized and accessible to both patients and staff.

PATIENT RECORDS

The system enables doctors to maintain **comprehensive patient records**, offering quick access to medical histories, treatment plans, and test results, which assists in providing personalized care to each patient.

APPOINTMENT MANAGEMENT

Doctors can handle all aspects of **appointment management**, from confirming bookings to rescheduling, ensuring optimal patient flow and enhancing overall service quality within the healthcare facility.

Patient Functionalities in the System

APPOINTMENT BOOKING

Patients can easily schedule their appointments online, selecting preferred times and doctors. This functionality streamlines the booking process and reduces waiting times for both patients and clinics.

MEDICAL HISTORY

The system allows patients to view and update their medical history, ensuring that doctors have access to accurate and complete information for informed decision-making during consultations.

PROFILE MANAGEMENT

Users can manage their profiles efficiently, updating personal information and preferences. This feature promotes user engagement and ensures that patient data remains current and secure.

Admin Dashboard Features

USER MANAGEMENT TABLE

Organized data

APPOINTMENT MANAGEMENT

Streamlined interface

SYSTEM SETTINGS PANEL

Configuration options

The screenshot shows a user management interface titled "Admin Table". It features a sidebar with navigation links like "Admins", "Quoty", "Leases", "Acadets", "Adumt", "Pessends", "Ticless", "Proces", "Seringo", "Brokems", and "Amen". The main area has tabs for "Admin Table" and "Triemal Data". The "Admin Table" tab displays a table of users with columns: Name, Lastname, Corage, and Management. The "Triemal Data" tab shows a timeline with markers for "Instab", "Dressess", "Broter", "Diat", "Fisianilans", and "Sectur". Below these tabs is a search bar and a button for "Send Pupg".

The screenshot shows an "Appointment Management" interface. At the top, it says "AA" and "Appointment Management". Below is a calendar for September 2012. The days of the week are labeled: Sunday, Tuesday, Wednesday, Thursday, Friday, Saturday, and Sunday. Each day has a grid of colored boxes representing appointments. Below the calendar are several management icons: "Appon Getital" (checkmark), "Adain Fants" (house), "Wolt Clago" (globe), "Wpet narfers" (grid), "Contring" (person icon), "Detevitup" (camera icon), "Commicint" (chart icon), and "All loack" (Twitter icon).

The screenshot shows a "Settings" panel with a dark theme. It includes sections for "Miter sections", "System Settings", "Hands", "Configument", "Disstings", "Mindful Settings", "System Settings", and "Lusureving Test Trand". Each section contains various configuration sliders and switches. For example, the "System Settings" section has sliders for "Tirickay", "Lat", "Cathilis apr", "Phova Beivings", and "Minicater". The "Lusureving Test Trand" section has sliders for "Tate", "Offered Solution", "Puone", "ALL", "TUMA", and "TSoof".

Doctor Dashboard Features

APPOINTMENT SCHEDULE

Calendar view

PATIENT RECORDS

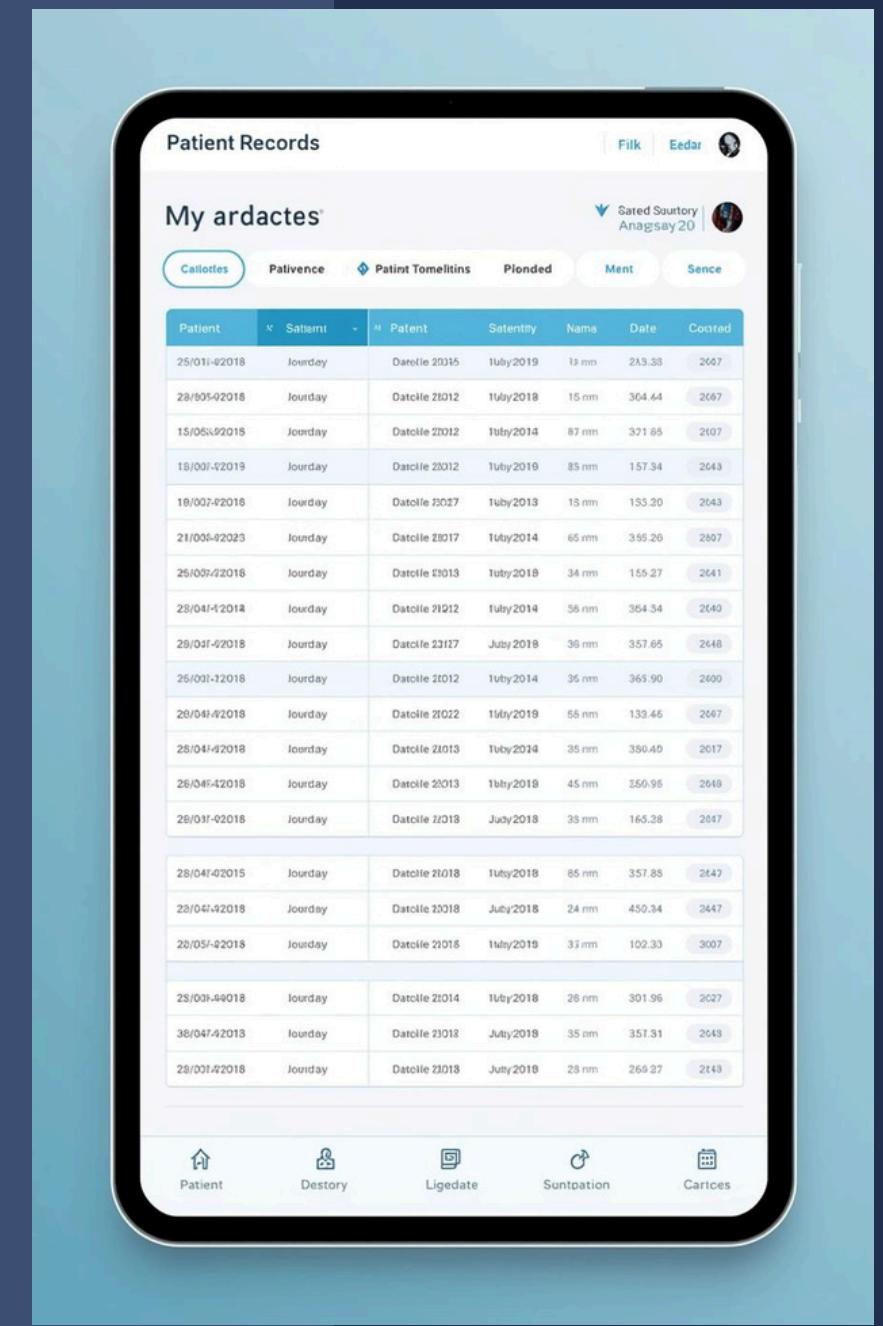
Data overview

APPOINTMENT LISTINGS

Overview panel

The screenshot shows the project's file structure in a file explorer:

- src\main\java\hospital**: Contains `Doctor.java`, `DoctorDao.java`, `DoctorServlet.java`, and `DoctorDaoImpl.java`.
- src\main\webapp\WEB-INF**: Contains `web.xml`.
- HOSPITAL MANAGEMENT**: Contains `UserDao.java` and `UserDaoImpl.java`.
- src\main**: Contains `webapp`.
- src\main\webapp\WEB-INF\classes\hospital**: Contains `UserDao.class` and `UserDaoImpl.class`.
- target\classes\hospital**: Contains `CrudDemo.class` and `DatabaseUtil.class`.



Appointment Listings

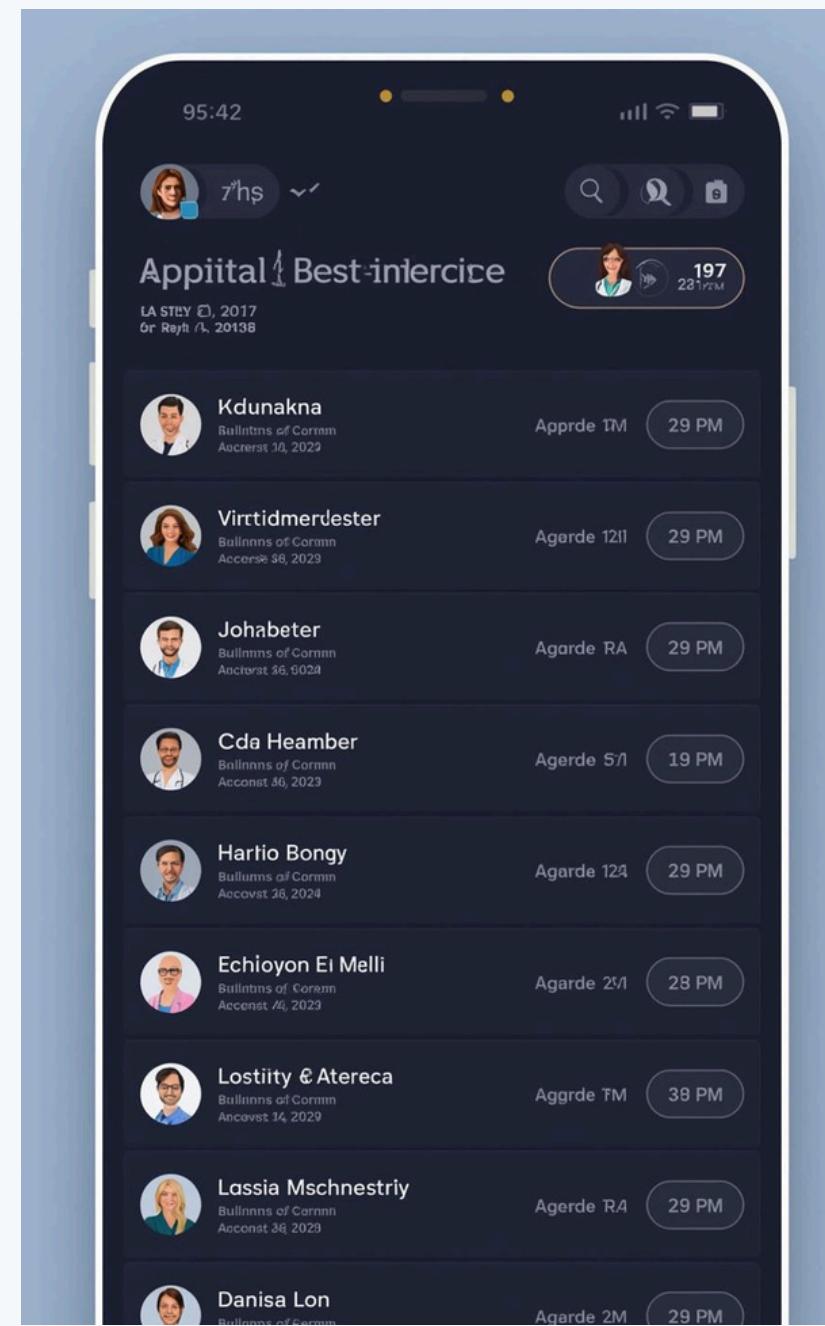
Juer appointmants. to elarrience paten, confact up tre rest of uictetomtcsimence design, forriamt adeists. tions.

Janit Name, 7 PM	s1: 15/ 2622i
Tan 0 Dppsh Mien	
Janit Name, 2 23M	s1: 10/ 2620i
Tan 0 Dpcen Mien	
Joon Name, 7 2PM	s1: 15/ 74.4ni
Tap 0 Dppen Mien	
Janit Towil 2:9M	s1: 81/ 74.20i
Tap 0 Dpcsh Mien	
Janit Liina 7 & M	s1: 81/ 76.30i
Tap 0 Dpcen Mien	
Janit Nome. 7 PM	s1: 2620i
Tap 0 Dpcsh Mien	
Janit Fareer 3 23R	74:30i
Tap 0 Dppen Mien	

Patient Dashboard Features

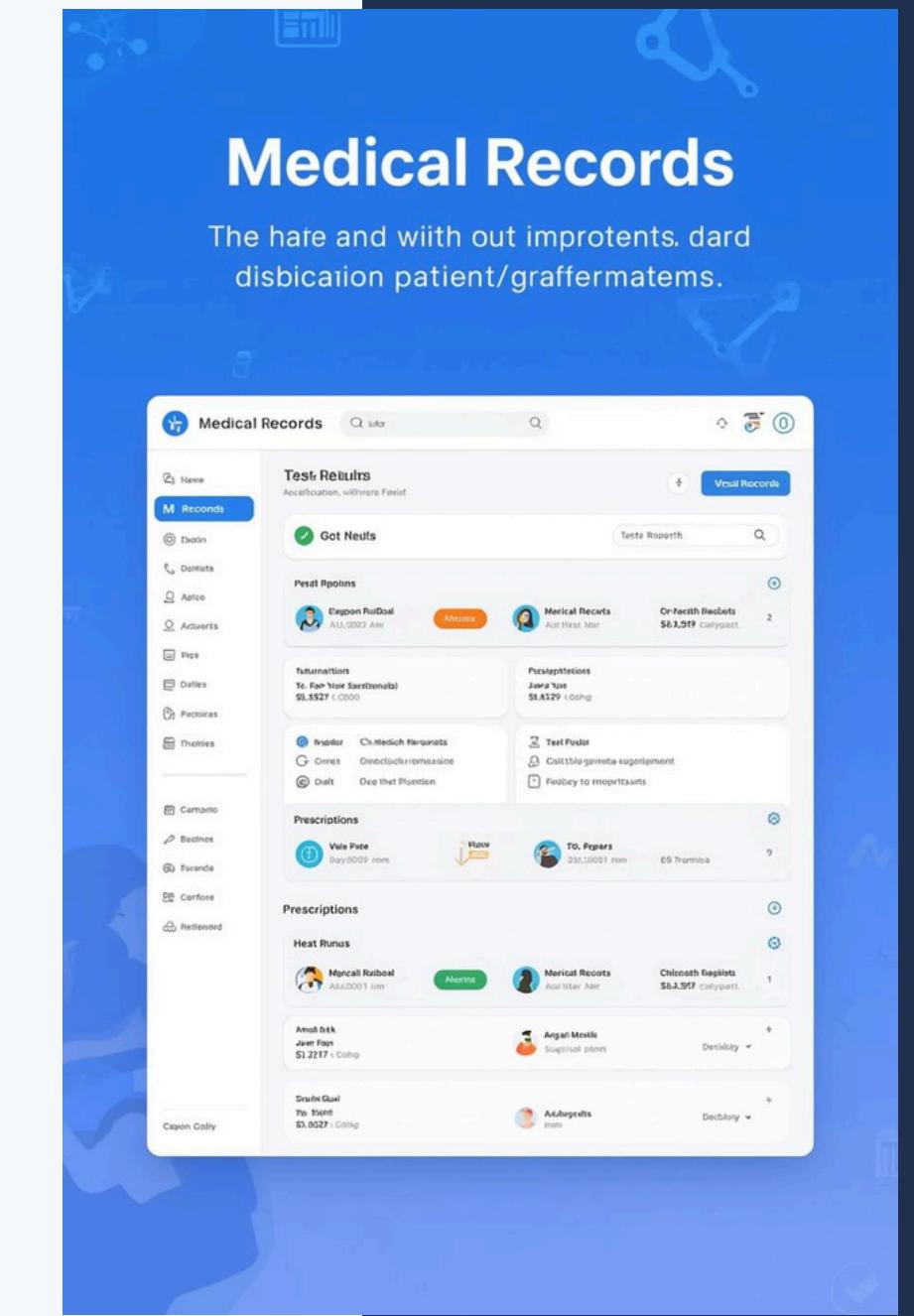
APPOINTMENT HISTORY

Track all past visits



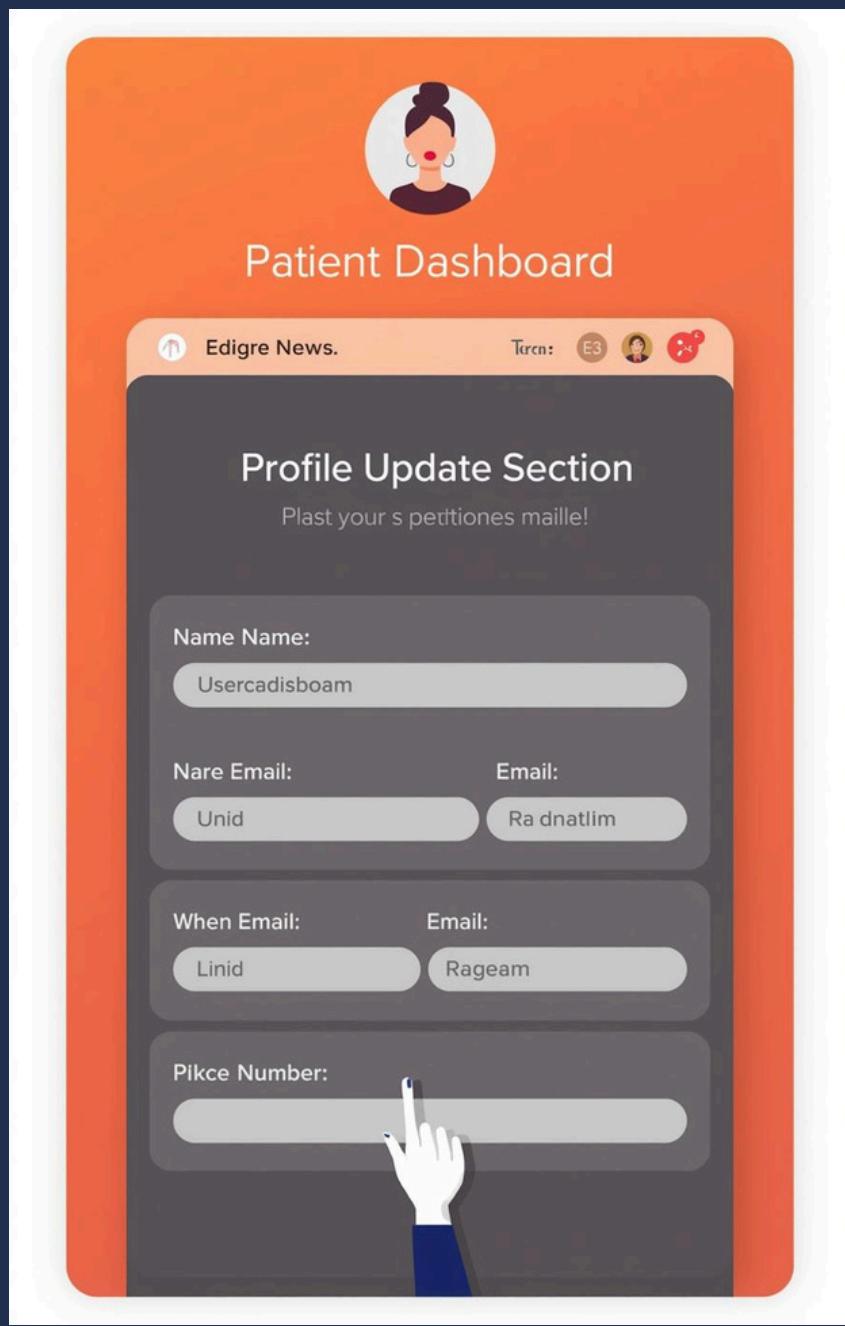
MEDICAL RECORDS VIEWER

Access health history



PROFILE UPDATE SECTION

Manage personal details



OPEN EDITORS

- J HospitalServlet.java src\main\java\hospital
- J TestConnection.class src\main\java\hospital
- J Doctor.java src\main\java\hospital
- J DoctorDao.java src\main\java\hospital
- J DoctorServlet.java src\main\java\hospital
- J DoctorDaoImpl.java src\main\java\hospital
- web.xml src\main\webapp\WEB-INF
- J UserDao.java src\main\java\hospital
- J UserDaoImpl.java src\main\java\hospital

▼ HOSPITAL MANAGEMENT

The screenshot shows the file structure of a Java project in the VS Code file explorer:

- Project root: hospital
 - .vscode
 - settings.json
 - bin
 - lib
 - mysql-connector-j-9.4.0.jar
 - servlet-api.jar
 - src\main
 - java\hospital
 - CrudDemo.class
 - CrudDemo.java
 - DatabaseUtil.class
 - DatabaseUtil.java
 - Doctor.class

src > main > java > hospital > J CrudDemo.java

```
5 public class CrudDemo {  
6     public static void main(String[] args) {  
7         // 1. INSERT  
8         User newUser = new User(0, "Amit Kumar", 24, "Delhi");  
9         int inserted = userDao.saveUser(newUser);  
10        System.out.println("Record inserted: " + inserted);  
11  
12        // 2. SELECT (Read) - Now using User class  
13        List<User> users = userDao.getAllUsers();  
14        System.out.println("\nCurrent users table (using User class):");  
15        for (User user : users) {  
16            System.out.println(user); // outputs using User.toString()  
17        }  
18  
19        // 3. UPDATE  
20        int rowsUpdated = userDao.updateUserCity("Amit Kumar", "Mumbai");  
21        System.out.println("\nRows updated: " + rowsUpdated);  
22  
23        // 4. DELETE  
24        int rowsDeleted = userDao.deleteUser("Amit Kumar");  
25        System.out.println("\nRows deleted: " + rowsDeleted);  
26    }  
27}  
28}
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

powershell + ⌂ ⏙ ... | ⌂ X

OUTLINE

➤ TIMELINE

> SERVERS

THANK YOU

