



**Department of Computer Science and Engineering
Institute of Engineering and Technology (IET)
JK Lakshmipat University Jaipur**

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Object Oriented Programming

“Hospital Management System”

README FILE

GETTING STARTED

This is a project namely “Hospital Management System” developed to cater to healthcare services of a hospital in a safe and secure online environment, making the whole process free from manual error. The coding part is done using JAVA programming language and front end through Java API.

PREREQUISITES

User needs to install following things on his system:

- Apache Netbeans IDE (version 11.3 used here)
- JDK 13 installed in your system (Default here)
- Apache Derby (for database connectivity)
- Server Connectivity (Glassfish Used here)

INSTALLATION

User needs to follow the following steps in order to start the system and get benefitted by it:

Username and password of the database ‘upsn_hospital’ is UPSN and UPSN.

Step-1: Unzip the file “G-8 Hospital Management System Sec B” on your laptop or desktop.

Step-2: Open Netbeans and create a New Project named “Hospital Management System”.

Step-3: Copy the contents of the folder “Hospital Management System” from the unzipped folder and paste it in :C Drive or anywhere you store your java files in the “NetBeansProjects -> Hospital Management System” folder.(Replace the files if already there with the same name)

Step-4: Copy the .jar files of the folder “Lib” from the unzipped folder and paste it in :C Drive or anywhere you store your java files in the “NetBeansProjects” folder.

Step-5: Open the Netbeans and open your project “Hospital Management System” , where you will find the contents of your project under ‘Source Packages’.

Step-6: In the ‘Libraries’ of project “Hospital Management System” , you need to add .jar files in order to get your system working.

Step-7: Right click on 'Libraries' and go to 'ADD JAR/FOLDER', browse the location of the .jar files you downloaded above and add them one by one.

Step-8: Go to Services section and expand 'Database' , right click on 'Java DB' and start server.

Step-9: Right click on 'Java DB' and 'Create Database' named 'upsn_hospital' with username and password 'UPSN' and 'UPSN'.

Step-10: Copy the contents of the folder "upsn_hospital" from the unzipped folder and paste it in :C Drive or anywhere you store your java files in the "NetBeansProjects -> Database -> upsn_hospital" folder.(Replace the files if already there with the same name)

Step-11: Go back to 'Netbeans -> Services -> Database -> JavaDB', you will find the database "jdbc:derby://localhost:1527/upsn_hospital [upsn on UPSN]" under it.(make sure that the server is connected.

Step-12: Right click on "jdbc:derby://localhost:1527/upsn_hospital [upsn on UPSN]" and select 'Connect'.

Step-13: Then, go to the Project section, open "Hospital Management System" , under the 'Source Projects', you will find a Java Package named "Hospital Management System" open it and run file "Hospital Management System" or run the project straightaway.

DEVELOPERS

This project is developed by 1st year Computer science students of JK Lakshmipat University:

- Utkarsh Sharma
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- Prakhar Saxena