

Unit 2 – Compulsory assignment JDBC

The database of the hospital has finally been recovered. You will now have to change your DAO classes to access the information using JDBC connectors.

The original model has been stored into a MySQL server.

1. Implement all the functionality of the previous assignments with the new MySQL storage. (CRUD's):
 - a. Show the information of all patients, including the total amount paid
 - b. Show medical records by patient and, when clicking on one, show all the prescribed medication.
 - c. Append a new medical record with two medicines: Make sure that the patient and the medication exist
 - d. Delete a patient: If it has any medication, ask the user first, and if so, delete the patient with all their data.
2. Add some of the queries we have been working on:
 - Find the patient with the most medical records
 - Find the date with more patients
3. Improve the login access so as:
 - a. An administrator: All functionality
 - b. A doctor: Restricted functionality: A doctor can:
 - i. Add and modify medical records and prescribed medication

Create the application in Java using a layered architecture and a DAO pattern