

# PROJECT REPORT DSNL - HOSPITAL MANAGEMENT



Group-8

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#### **ABSTRACT**

In this project we aim to solve the traditional issues of hospitals, which use paper-based solutions for keeping records of patients, doctors and other hospital staff, and the activities done by them such as payments, medicines inventory management, rooms booked, etc. This creates huge problems such as inappropriate data keeping, time wastage in data storage and its retrieval.

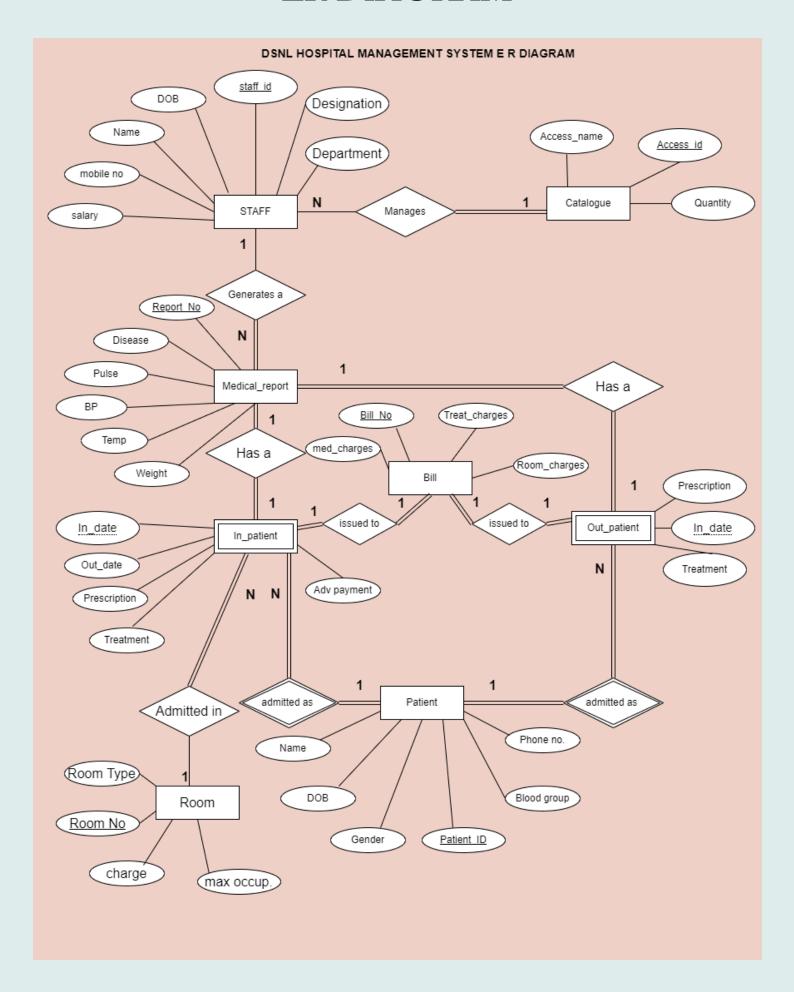
A patient can see his/her profile details such as patient id (unique key generated by the system), Name, Date of Birth, Blood Group, Phone No. He/she can also view his/her medical reports, visit history and the past bills.

Similarly, doctors can also see their profile that includes Staff Id, Date of Birth, Designation, Department, etc. For each doctor we will have his/her current and past patients. For every visit, a doctor can add the medical report for his patient.

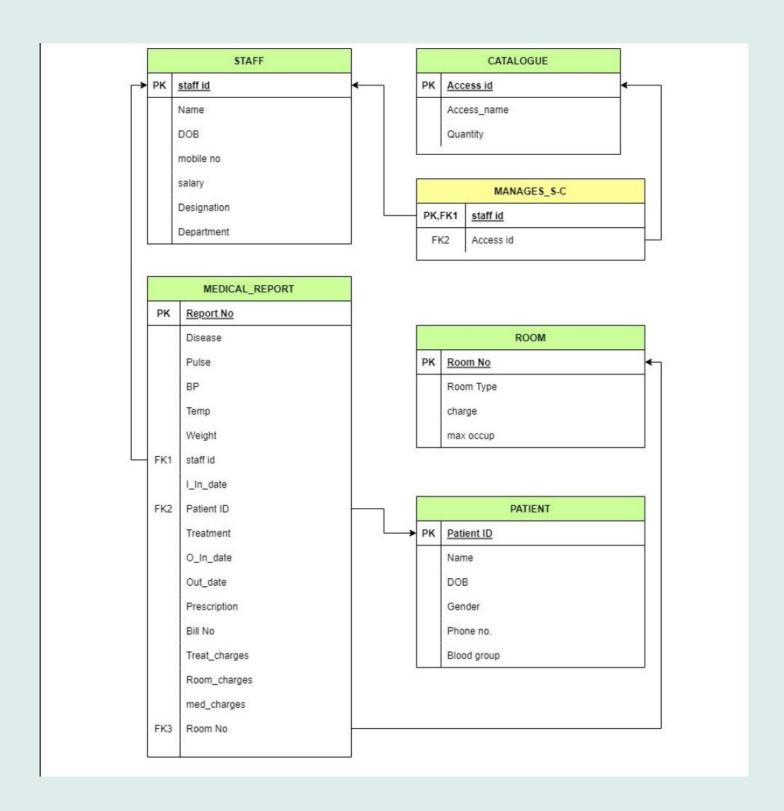
Reception will also have the basic info like doctors and patients. It has the right to add a new patient to the database of the hospital. It can manage rooms, and charge its price. It has to generate the bills corresponding to each visit of the patient which will have treatment charges, medicine charges, room charges, etc.

It can manage the presently working staff, apart from everything else. It can also manage the inventory and currently available rooms. It can view all the past records of the hospital containing reports, patients and their bills.

# **ER DIAGRAM**



# RELATIONAL SCHEMA



# Functional Dependencies

(STAFF) **staff id** → Name, DOB, Mobile No, salary, Designation, Department

(CATALOGUE) **Access id** → Access\_name, Quantity

(MANAGES\_S\_C) staff id → Access id

(MEDICAL\_REPORT) **Bill No** → Room\_charges, Treat\_charges, med\_charges

I\_In\_date, Patient ID → Treatment

**O\_In\_date, Patient ID** → Out\_date, Prescription

**Report No** → Disease, Pulse, BP, Temp, Weight, Patient ID, I\_In\_date, O\_In\_date, Bill No., staff id, Room No

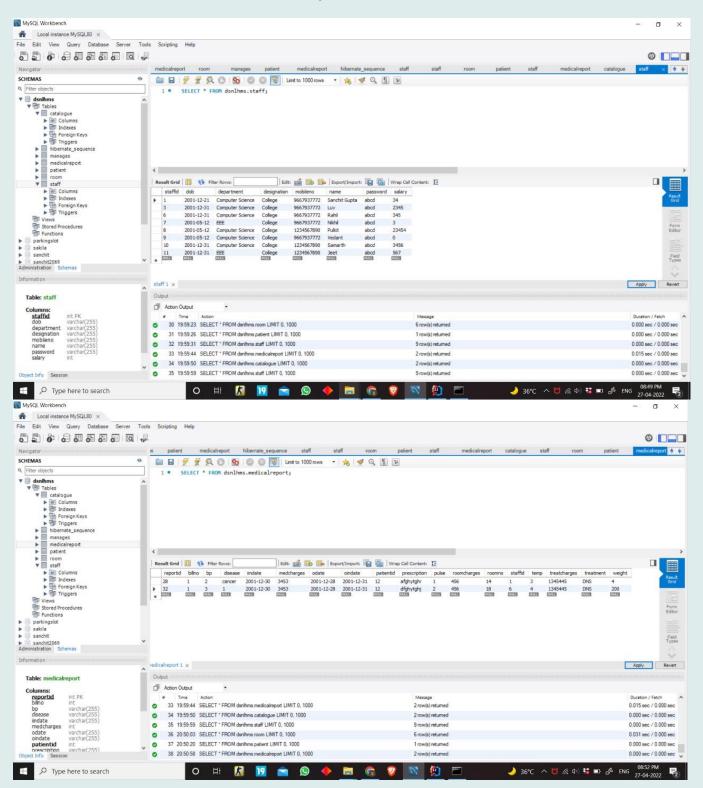
(ROOM) **Room No** → Room Type, charge, max occup

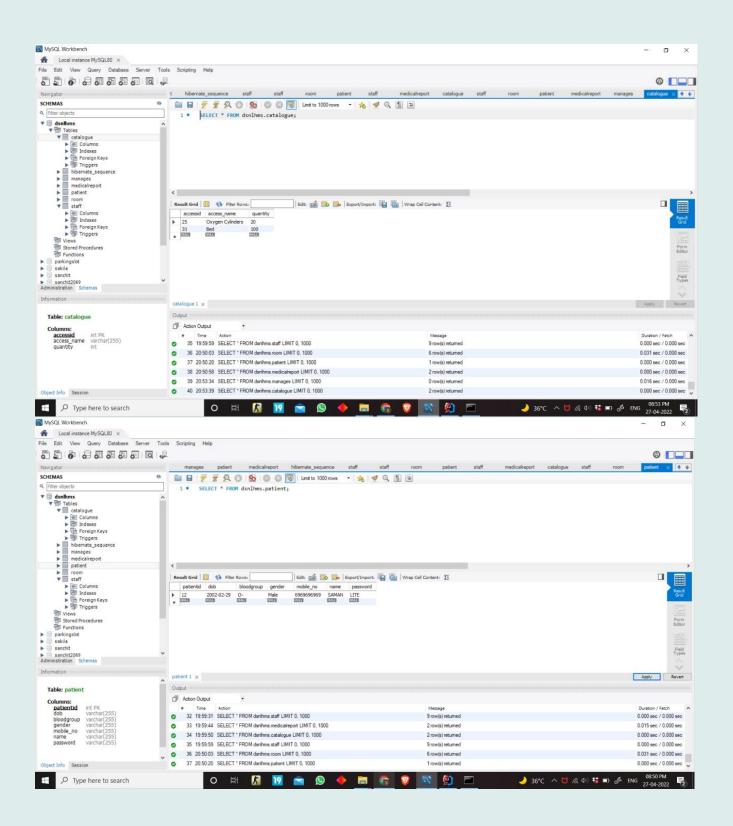
(PATIENT) Patient ID → Name, DOB, Gender, Phone no., Blood group

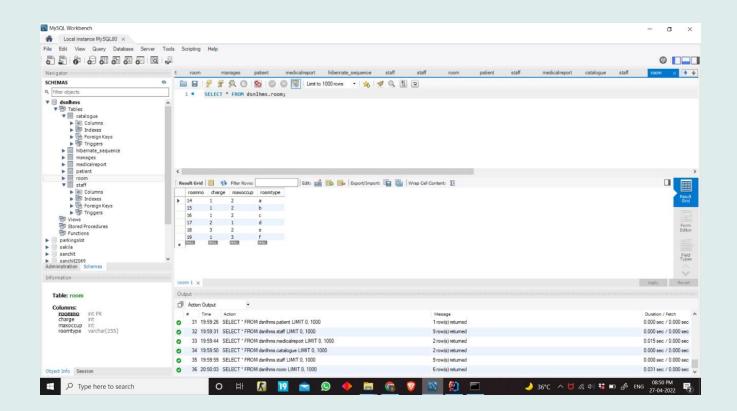


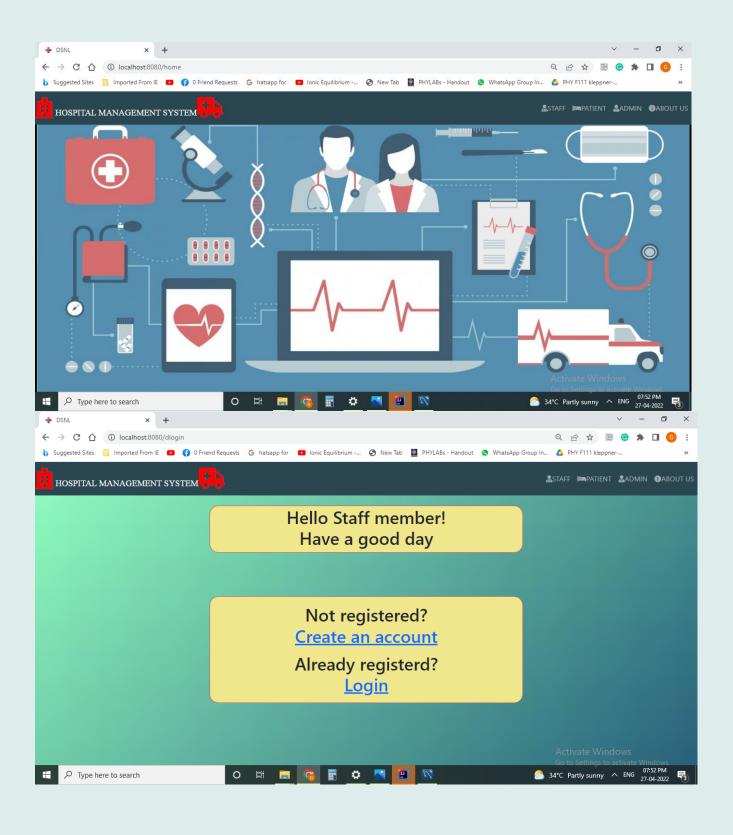
#### Screenshots

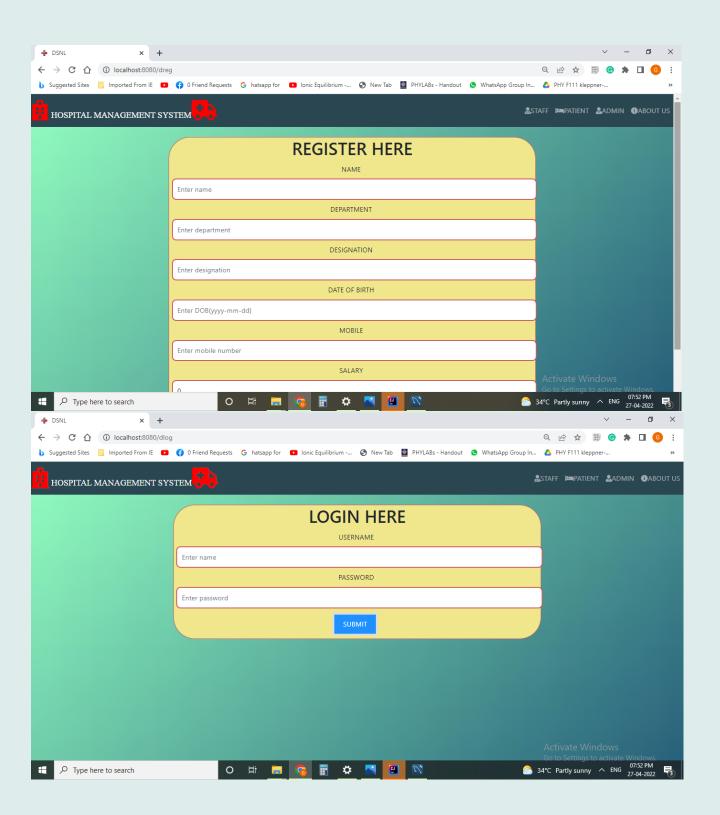
# SQL



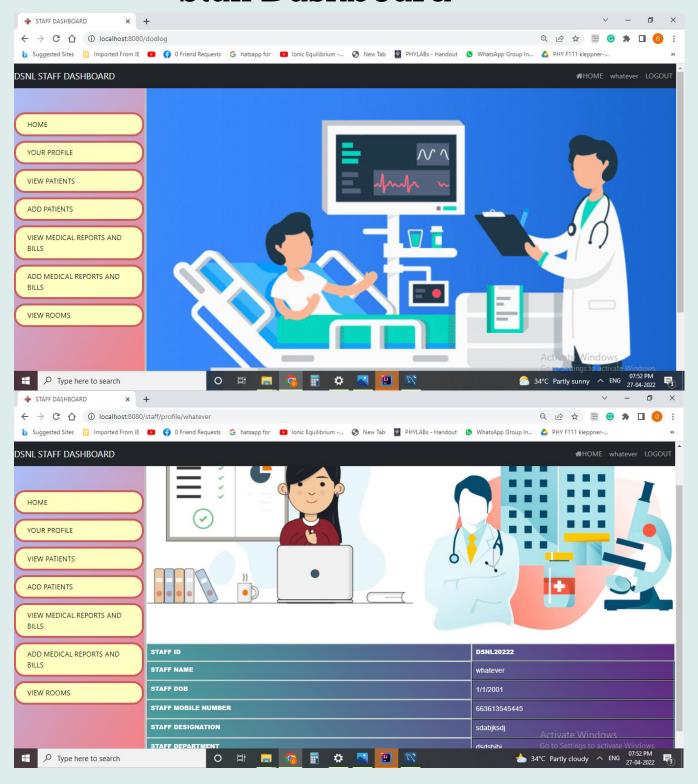


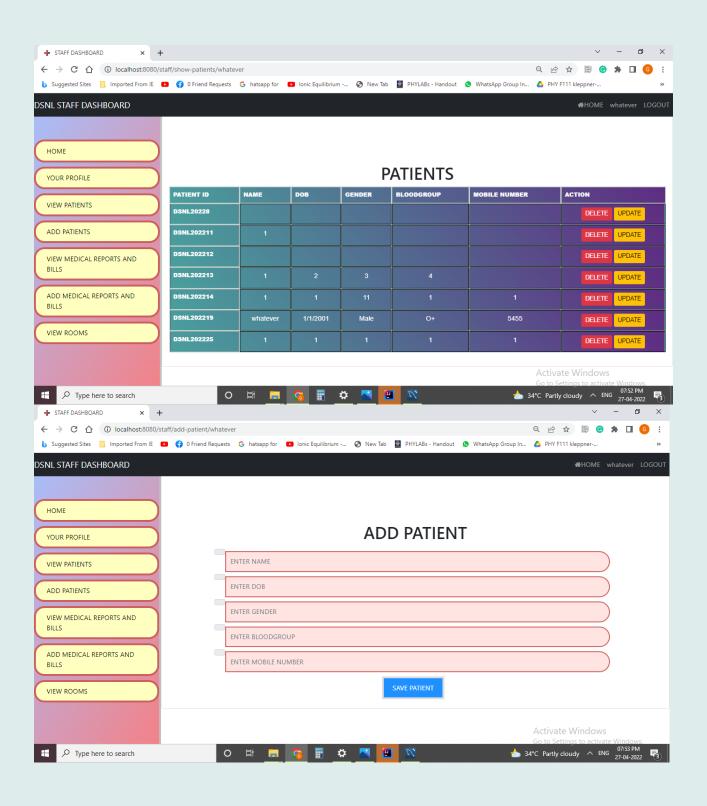


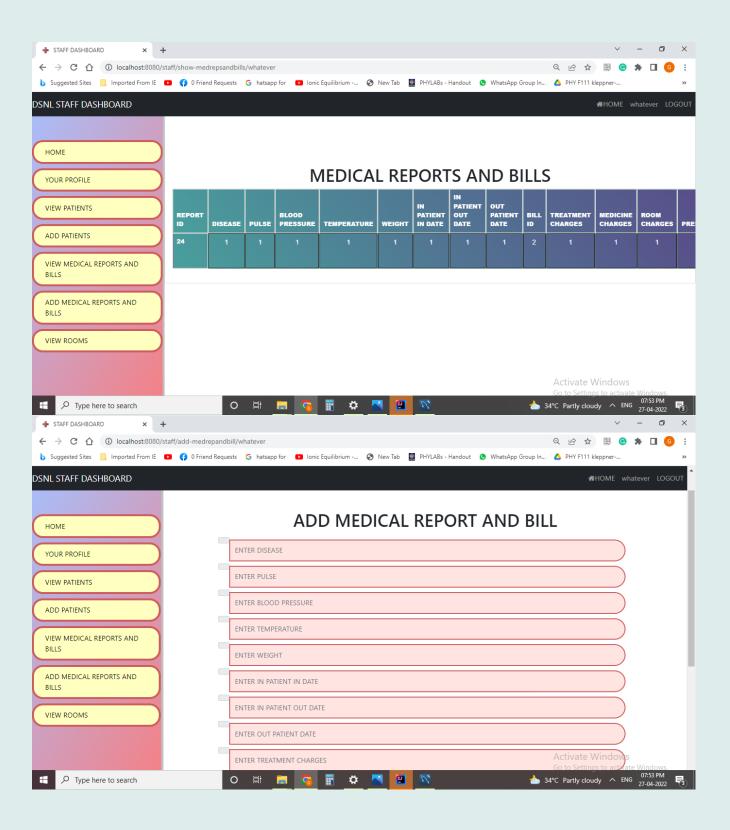


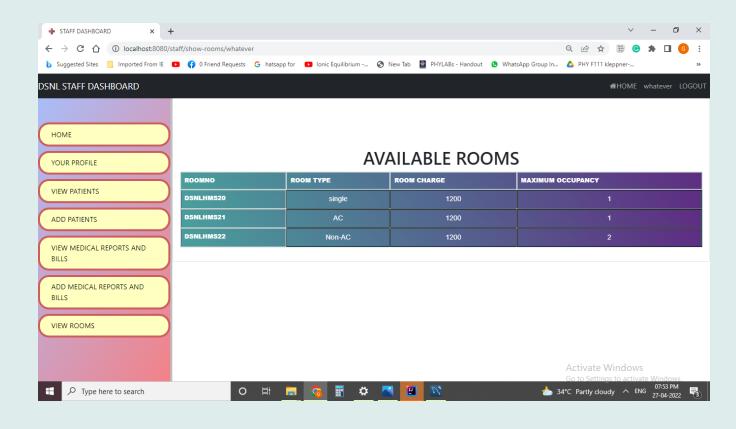


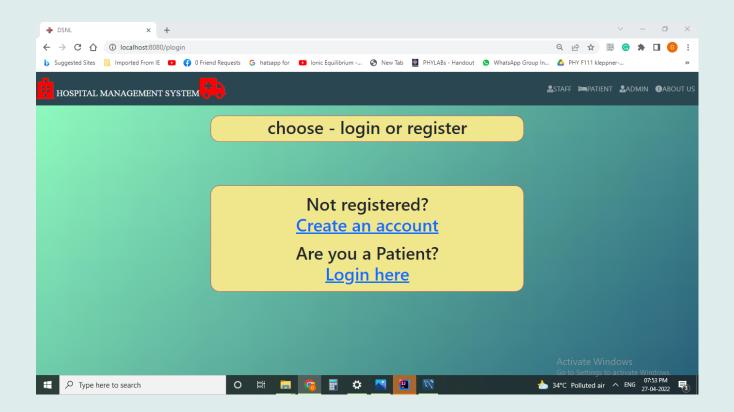
# Staff Dashboard

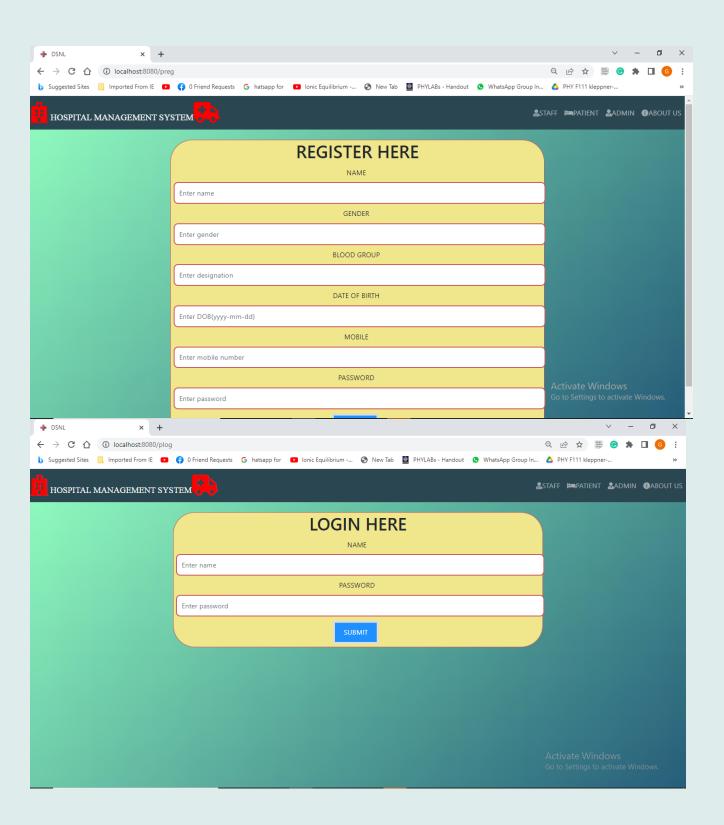




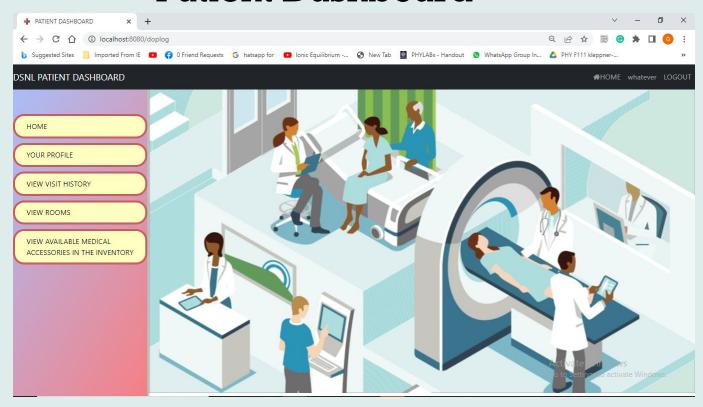


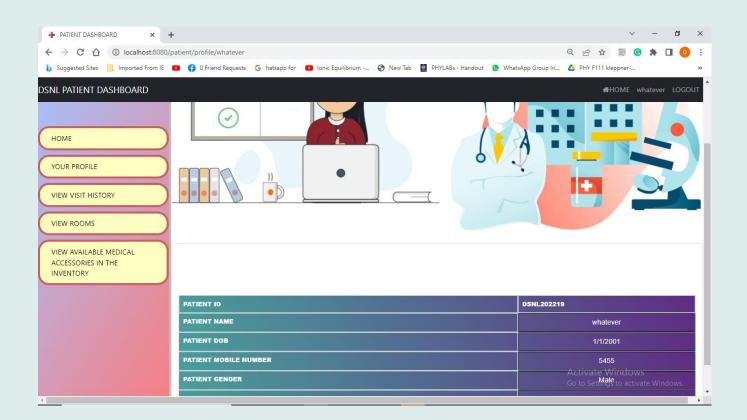


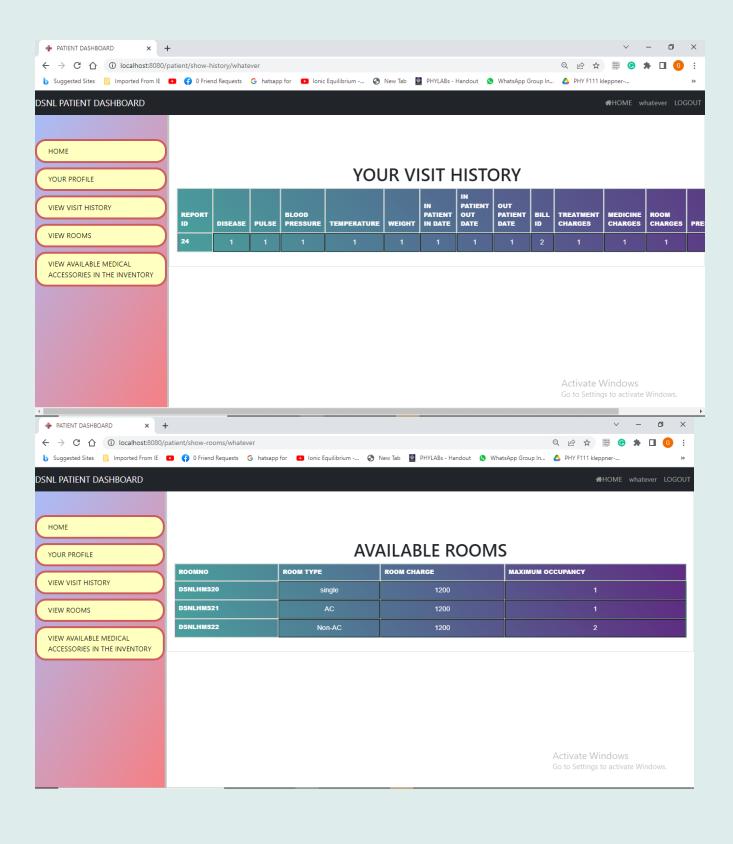


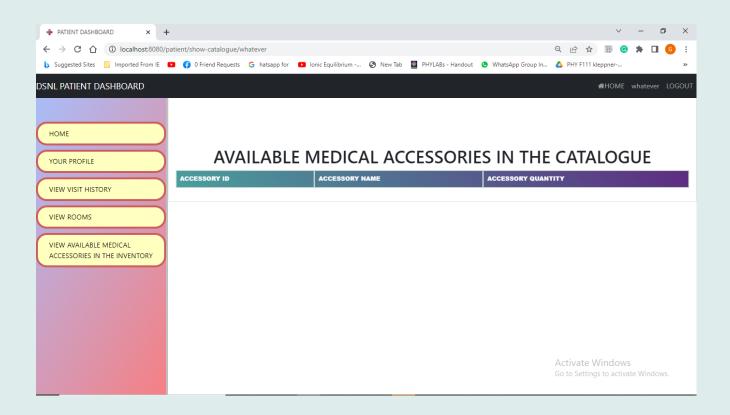


# **Patient Dashboard**

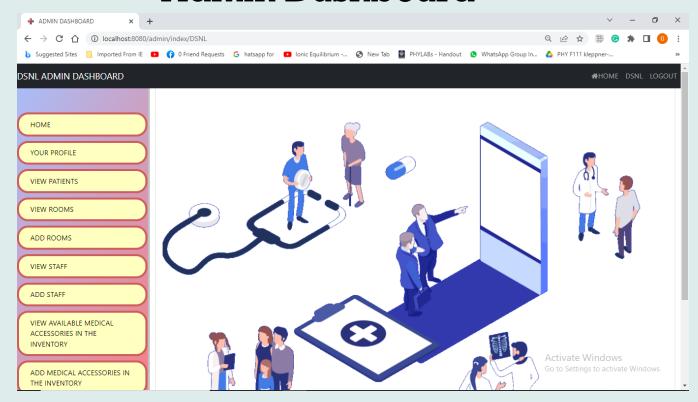


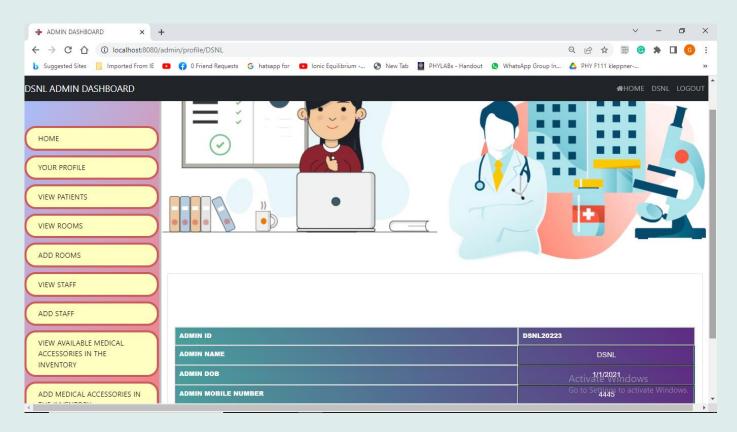


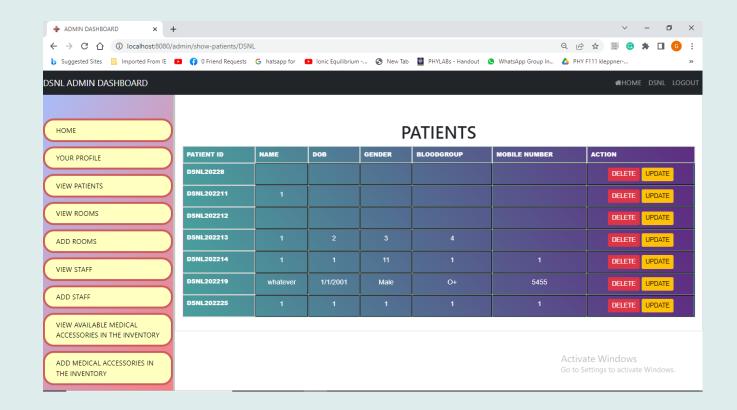




# Admin Dashboard







# THANK YOU!!!