Hospital Database System 🏥

A Flask web application for a hospital database system.

CS 432: Databases assignment, IIT Gandhinagar.

Files 📁

- contributions.txt
- hospitalDB.sql
- README.pdf

Requirements +

- 1. MySQL
- 2. Python 3
- 3. MySQLdb
- 4. Flask
- 5. Flask-MySQLdb

Instructions to run the web app 🔼

Install the following packages

pip install mysqlclient/ apt-get install python3-mysqldb

pip install Flask

pip install Flask-MySQLdb

Import hospitalDB.sql (dump file) to MySQL as a database named hospitalDB

mysql -u tempuser -p hospitalDB < hospitalDB.sql

Create a MySQL user as follows

CREATE USER 'tempuser'@'localhost' IDENTIFIED BY '123+Temppass';

Grant permission to the account

GRANT ALL PRIVILEGES ON hospitalDB.* TO 'tempuser'@'localhost';

Run the web app

python3 web_app.py

Examples for each command \uparrow

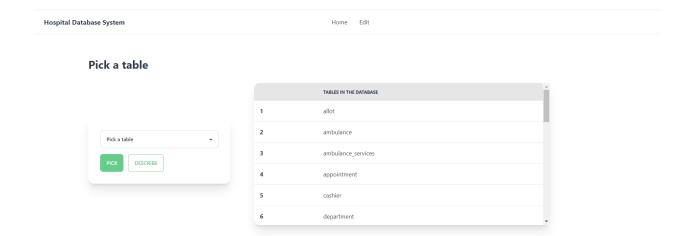


Home Page

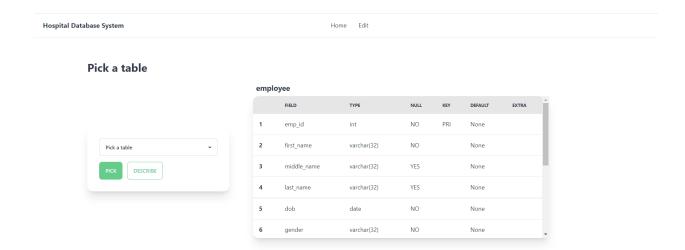


Hospital Database System COMMANDS TEAM G1 TEAM G2 Made with Flask and MySQL Update Amey Kulkarni (18110016) Hrushti Naik (19110088) Chris Francis (18110041) Shril Mody (18110162) Eshan Gujarathi (19110082) Delete Viraj Shah (18110188) Hitarth Gandhi (19110087) Vishal Soni (19110207)

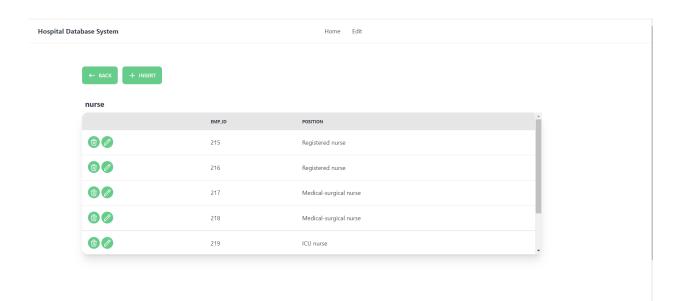
Pick Table



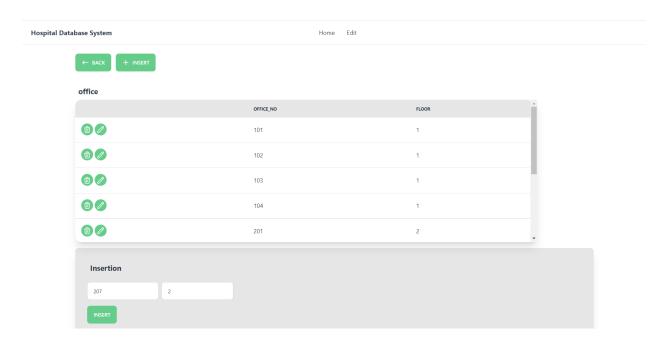
Describe Table



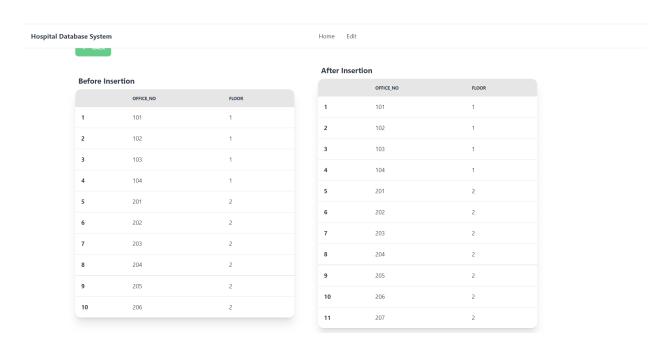
View Table



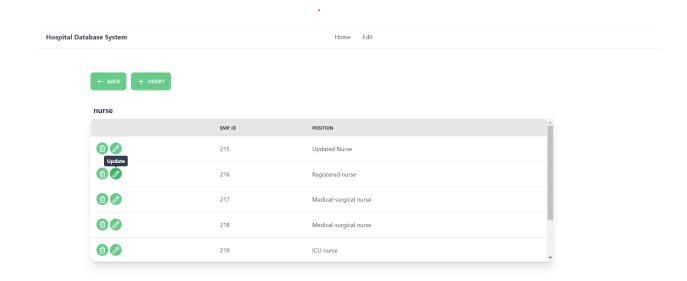
Insert Entry



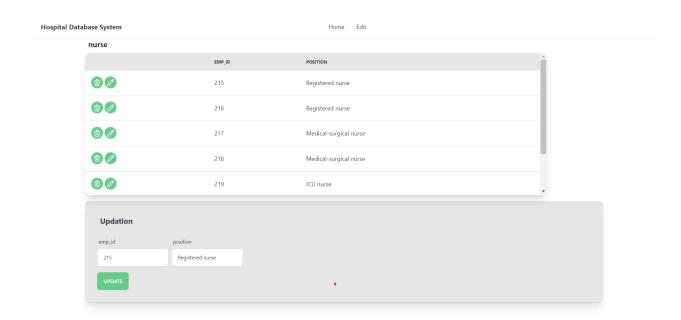
Insert Successful



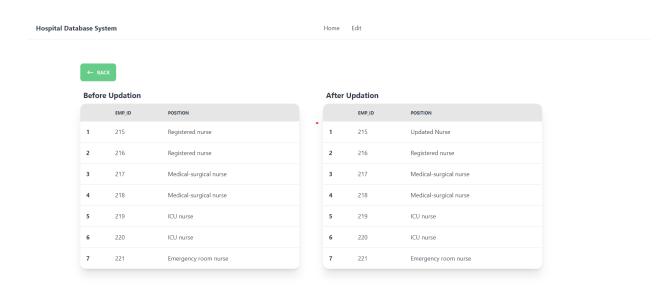
Pick Entry for updation



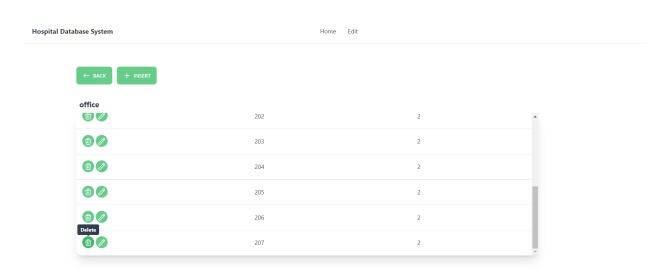
Update Entry



Update Successful



Delete Entry



Delete Successful

Hospital Database System

Before Deletion			
	OFFICE_NO	FLOOR	
1	101	1	
2	102	1	
3	103	1	
4	104	1	
5	201	2	
6	202	2	
7	203	2	
8	204	2	
9	205	2	
10	206	2	
11	207	2	

After Deletion			
	OFFICE_NO	FLOOR	
1	101	1	
2	102	1	
3	103	1	
4	104	1	
5	201	2	
6	202	2	
7	203	2	
8	204	2	
9	205	2	
10	206	2	

Contributors



TEAM G1

- Amey Kulkarni (18110016)
- Chris Francis (18110041)
- Eshan Gujarathi (19110082)
- Hitarth Gandhi (19110087)

TEAM G2

- Hrushti Naik (19110088)
- Shril Mody (18110162)
- Viraj Shah (18110188)
- Vishal Soni (19110207)