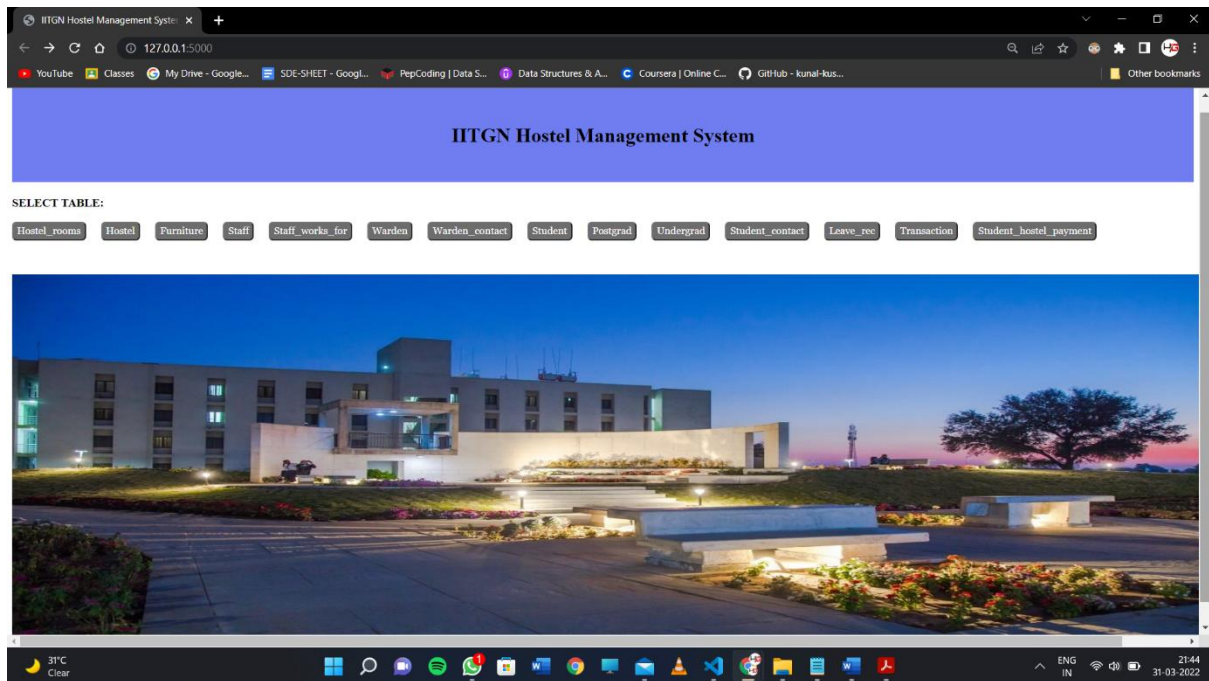


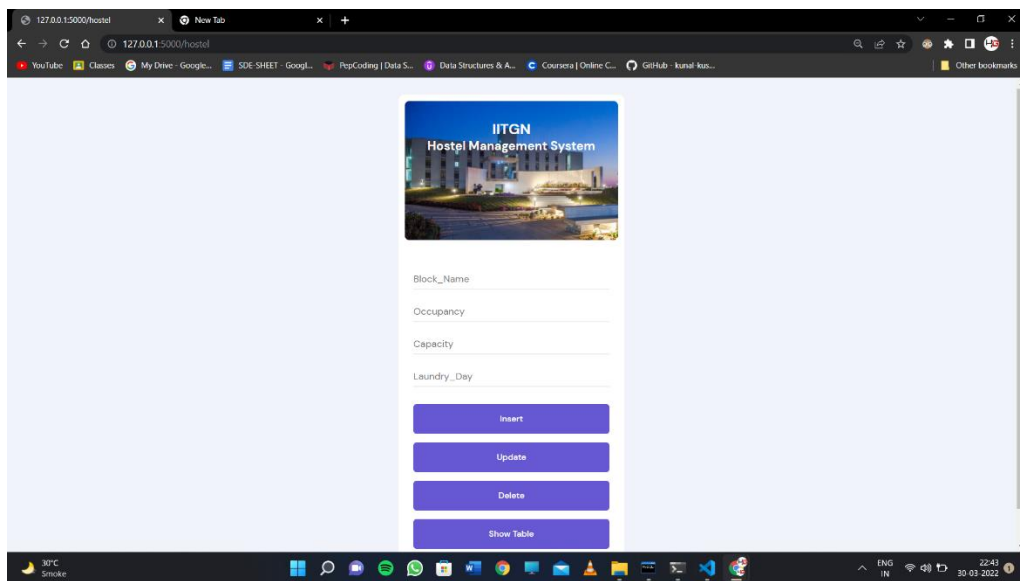
## TO RUN THE PROJECT:

- First run the app.py file that is available in the GitHub repository.
- You will obtain an IP address in the console.
- On visiting the IP address, the main index page is displayed.
- On the main index page, you can see all the tables that are accessible for insertion, updating and deletion of records.
- To Insert a record in "Hostel", follow the following steps:
  - ✓ Select the "Hostel" tab on the main index page.
  - ✓ You will be taken to the "Hostel Table" page.
  - ✓ Here, fill in all the information needed and click the "Insert" tab.
  - ✓ Now a table will be shown, with all the previous records and the new record that was inserted recently.
  - ✓ Now, click back to perform other operations.
- To Update any record in "Hostel", follow the following steps:
  - ✓ Select the "Hostel" tab on the main index page.
  - ✓ You will be taken to the "Hostel Table" page.
  - ✓ Here, fill in all the information that you need to update and click the "Update" tab.
  - ✓ Now a table will be shown, with all the pervious entries and the entry of the record that you have updated.
  - ✓ Now, click back to perform other operations.
- To Delete any record in "Hostel", follow the following steps:
  - ✓ Select the "Hostel" tab on the main index page.
  - ✓ You will be taken to the "Hostel Table" page.
  - ✓ Here, fill in the information of just the primary keys of the table and click the "Delete" tab.
  - ✓ Now a table will be shown, with all the pervious entries, without the record that you have recently deleted.
  - ✓ Now, click back to perform other operations.
- The Show Table Tab shows the table when you do not want to perform any operations at all and you just need to provide the primary key details.

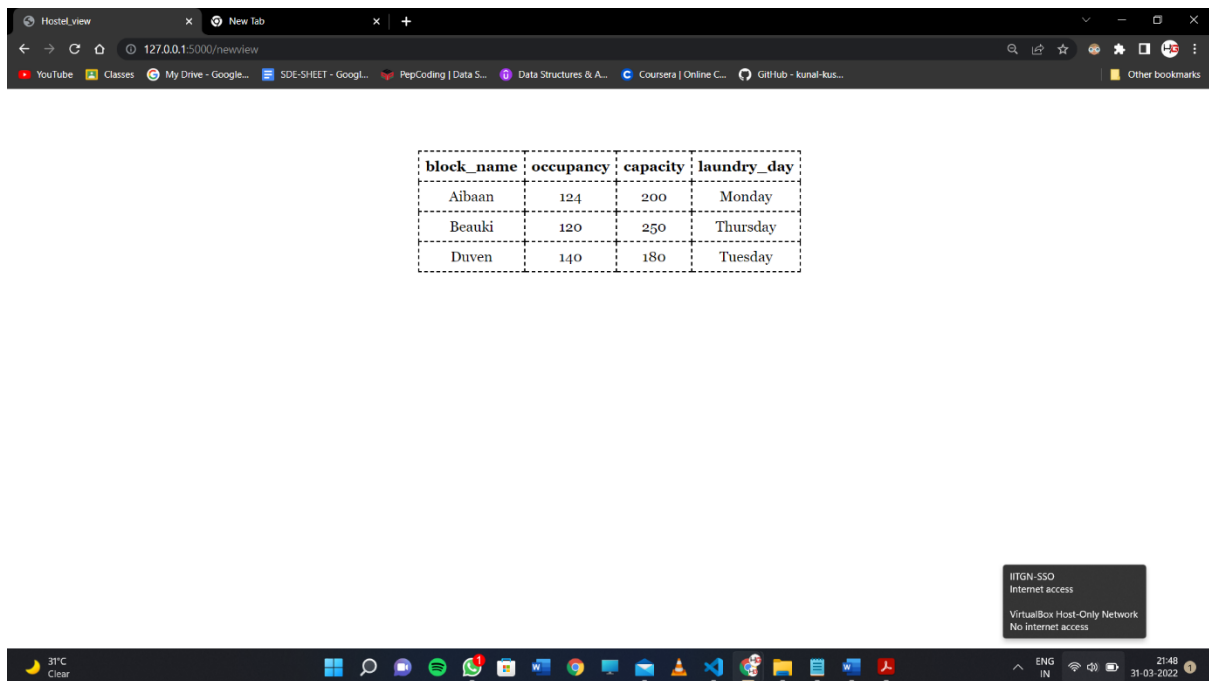
## SNAPSHOTS OF PAGES IMPLEMENTED: Index Main Page!!!



## HOSTEL TABLE PAGE:



## VIEW OF THE HOSTEL TABLE:

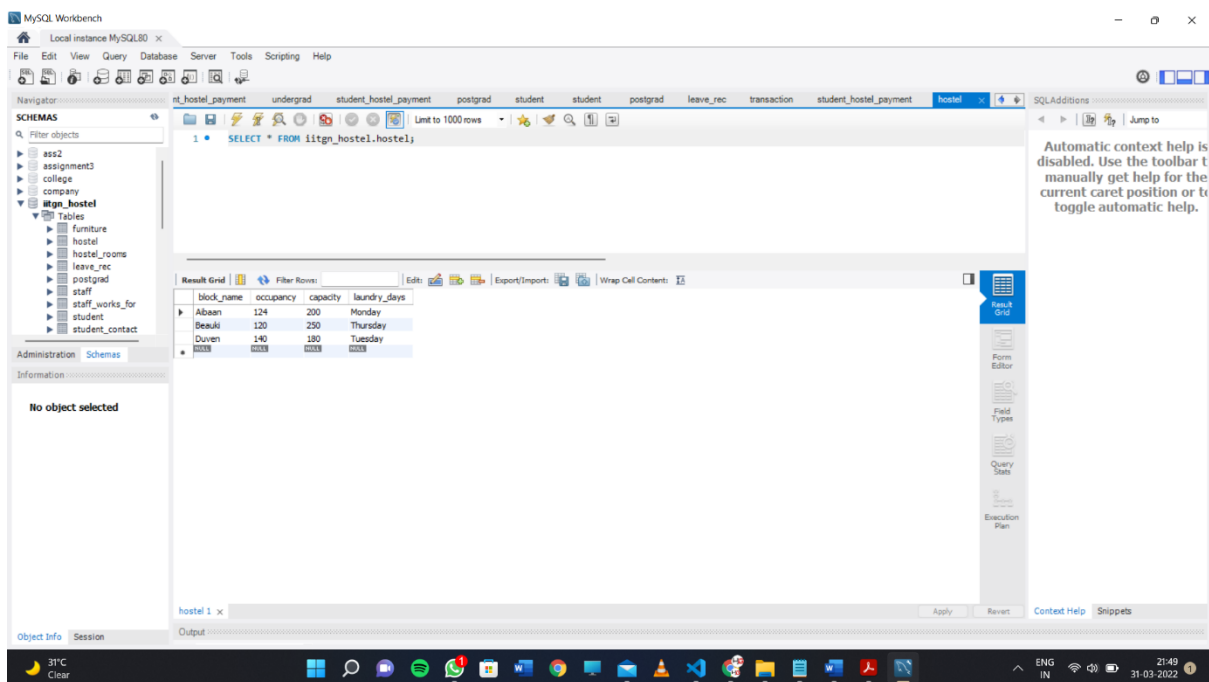


The screenshot shows a web browser window with the address bar displaying '127.0.0.1:5000/newview'. The browser has several tabs open, including 'Hostel\_view' and 'New Tab'. The main content area displays a table with the following data:

block_name	occupancy	capacity	laundry_day
Aibaan	124	200	Monday
Beauki	120	250	Thursday
Duven	140	180	Tuesday

The browser's taskbar at the bottom shows the system clock as 21:48 on 31-03-2022, with a temperature of 31°C and clear weather. A notification bubble for 'IITGN-SSO Internet access' is visible in the bottom right corner.

## VIEW OF HOSTEL IN WORKBENCH:

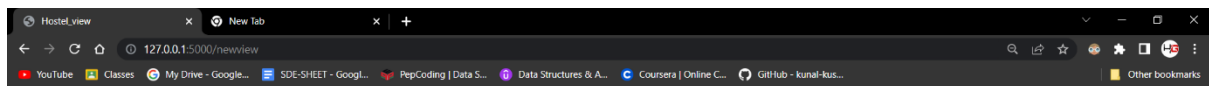


The screenshot shows the MySQL Workbench interface. The 'Schemas' pane on the left lists various databases, including 'iitgn\_hostel'. The 'Query Editor' in the center contains the SQL query: `SELECT * FROM iitgn_hostel.hostel;`. The 'Result Grid' at the bottom displays the data from the 'hostel' table:

block_name	occupancy	capacity	laundry_days
Aibaan	124	200	Monday
Beauki	120	250	Thursday
Duven	140	180	Tuesday

The 'Object Info' pane on the left shows 'No object selected'. The 'SQL Additions' pane on the right contains a message: 'Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.'

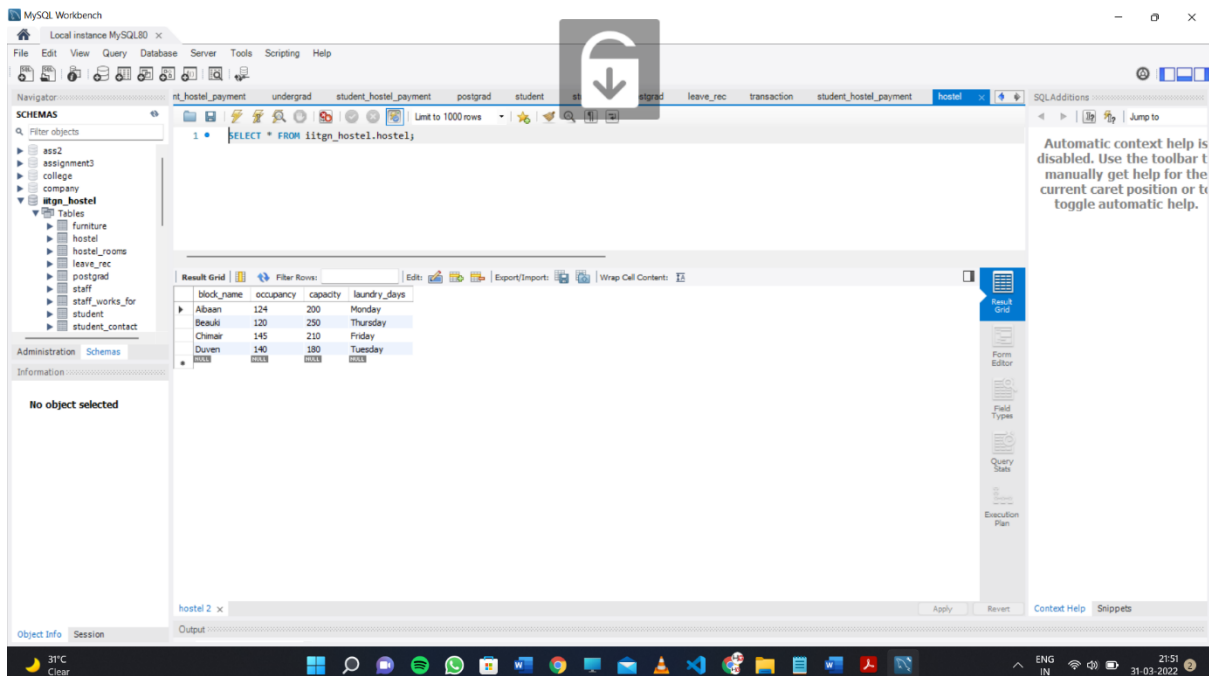
## INSERTION IN HOSTEL TABLE PAGE:



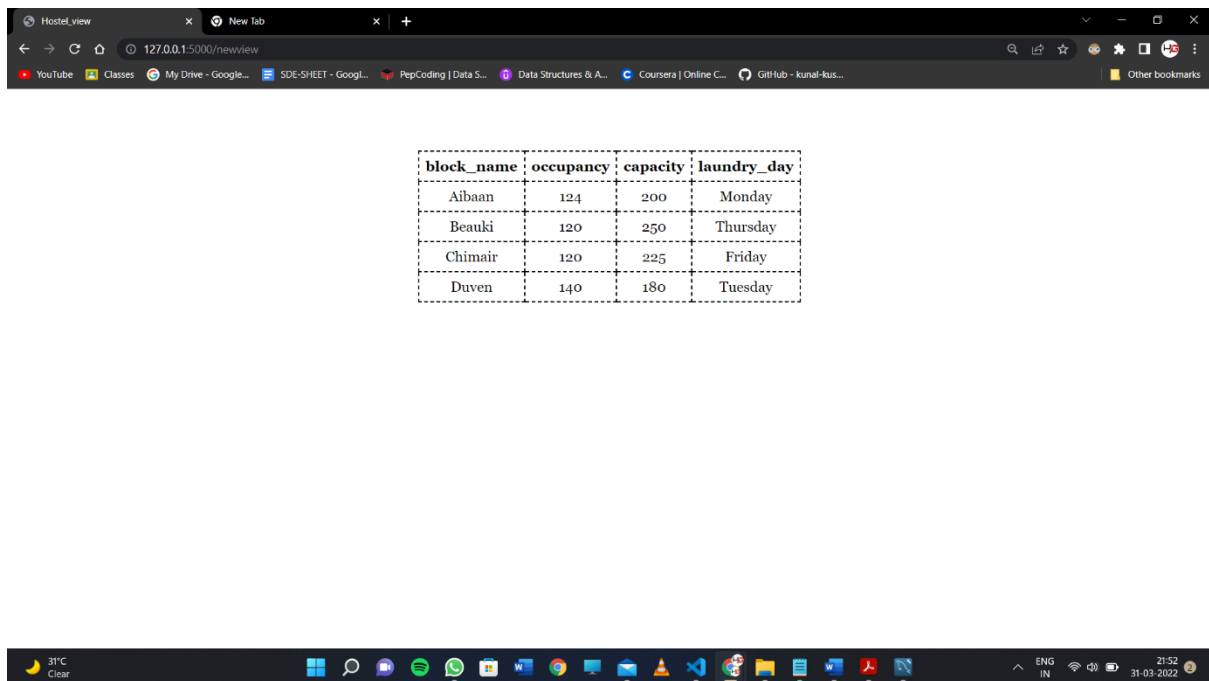
block_name	occupancy	capacity	laundry_day
Aibaan	124	200	Monday
Beauki	120	250	Thursday
Chimair	145	210	Friday
Duven	140	180	Tuesday



## INSERTION IN WORKBENCH:



## UPDATING THE HOSTEL TABLE PAGE:

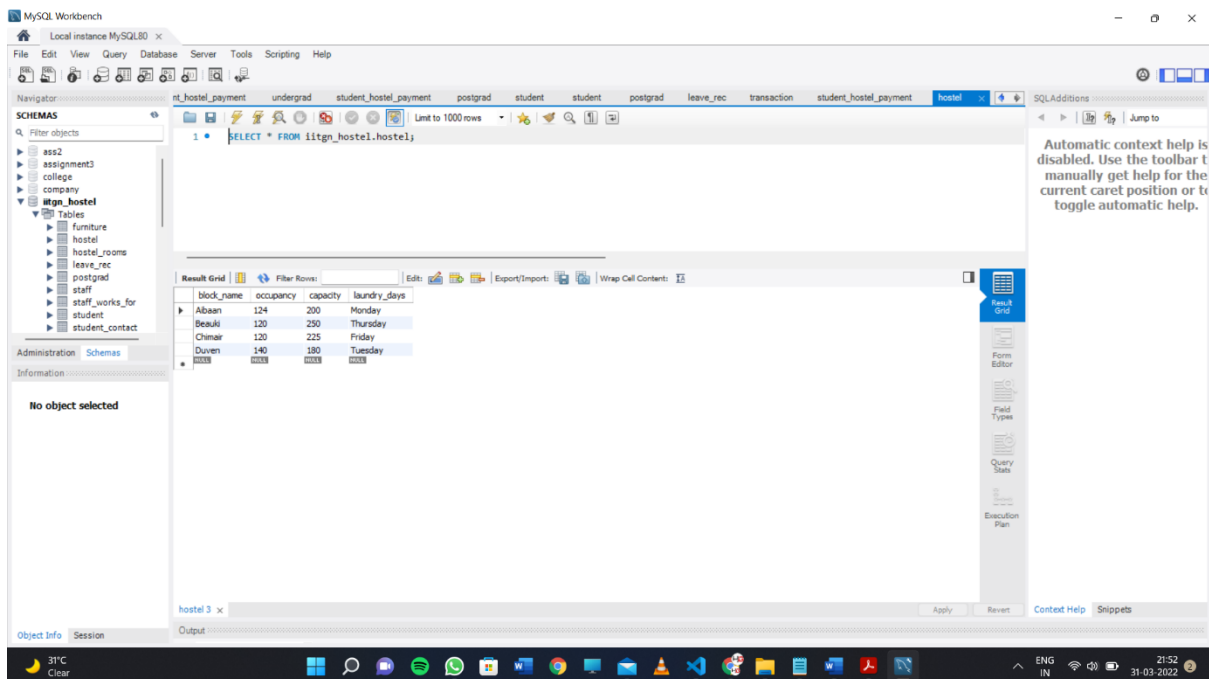


A screenshot of a web browser window. The address bar shows '127.0.0.1:5000/newview'. The browser has several tabs open, including 'Hostel\_view' and 'New Tab'. The main content area displays a table with the following data:

block_name	occupancy	capacity	laundry_day
Aibaan	124	200	Monday
Beauki	120	250	Thursday
Chimair	120	225	Friday
Duven	140	180	Tuesday

The browser's taskbar at the bottom shows the system clock as 21:52 on 31-03-2022, and the temperature as 31°C Clear.

## UPDATING IN WORKBENCH:

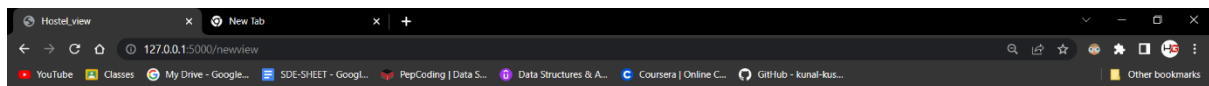


A screenshot of the MySQL Workbench interface. The 'Schemas' pane on the left shows the 'litgn\_hostel' database selected. The 'Query Editor' in the center contains the SQL query: `SELECT * FROM litgn_hostel.hostel;`. The 'Result Grid' at the bottom displays the query results in a table format, matching the data from the previous screenshot:

block_name	occupancy	capacity	laundry_days
Aibaan	124	200	Monday
Beauki	120	250	Thursday
Chimar	120	225	Friday
Duven	140	180	Tuesday

The 'Information' pane on the left shows 'No object selected'. The 'Context Help' pane on the right displays a message: 'Automatic context help is disabled. Use the toolbar to manually get help for the current caret position or to toggle automatic help.'

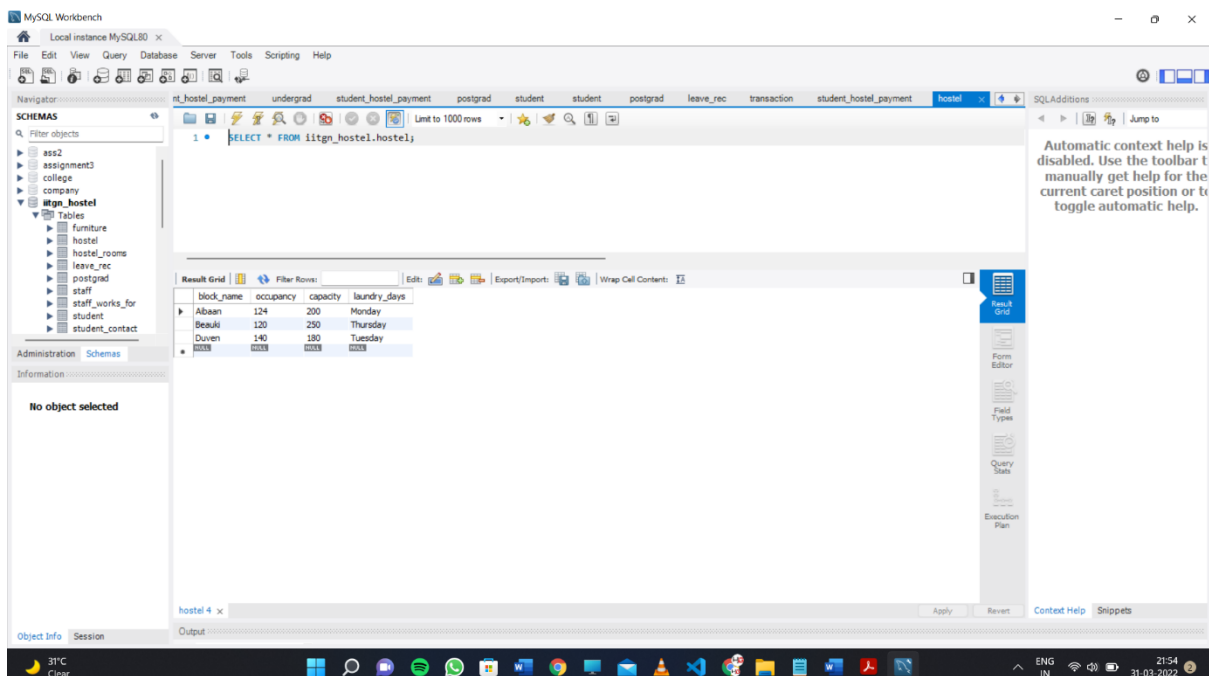
## DELETION IN HOSTEL TABLE PAGE:



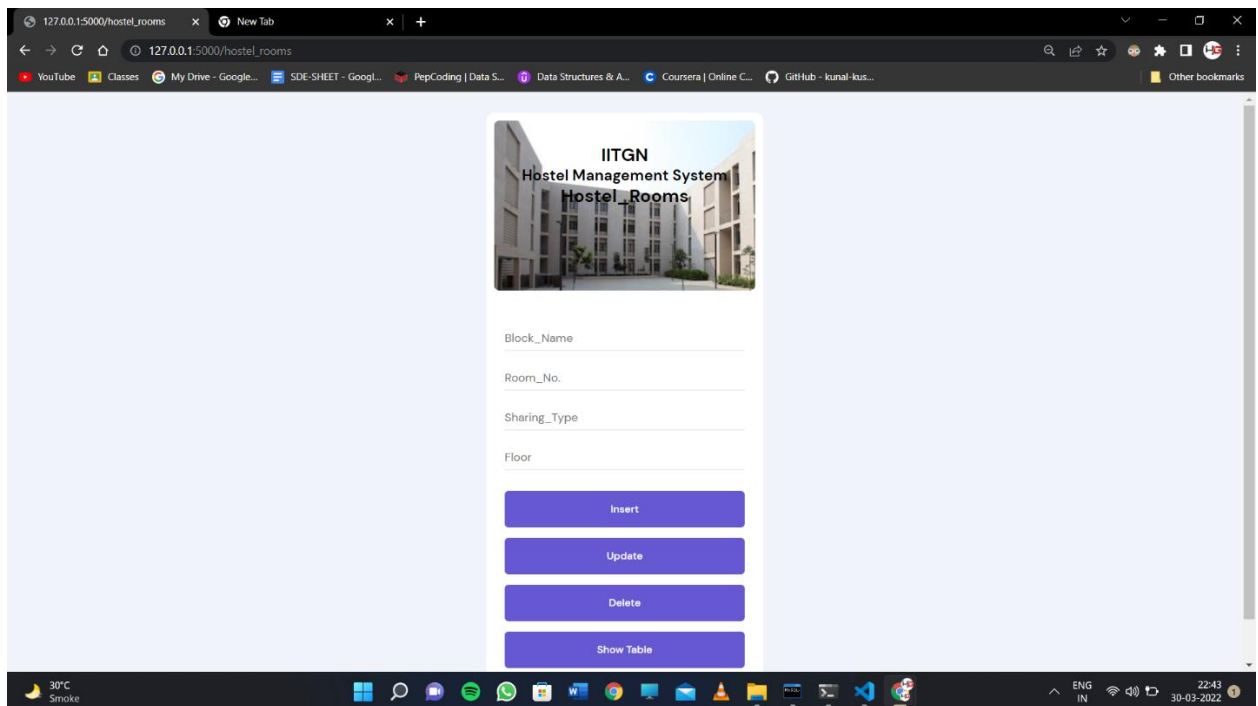
block_name	occupancy	capacity	laundry_day
Aibaan	124	200	Monday
Beauki	120	250	Thursday
Duven	140	180	Tuesday



## DELETION IN WORKBENCH:



## HOSTEL\_ROOM TABLE PAGE:



IITGN  
Hostel Management System  
Hostel\_Rooms

Block\_Name

Room\_No.

Sharing\_Type

Floor

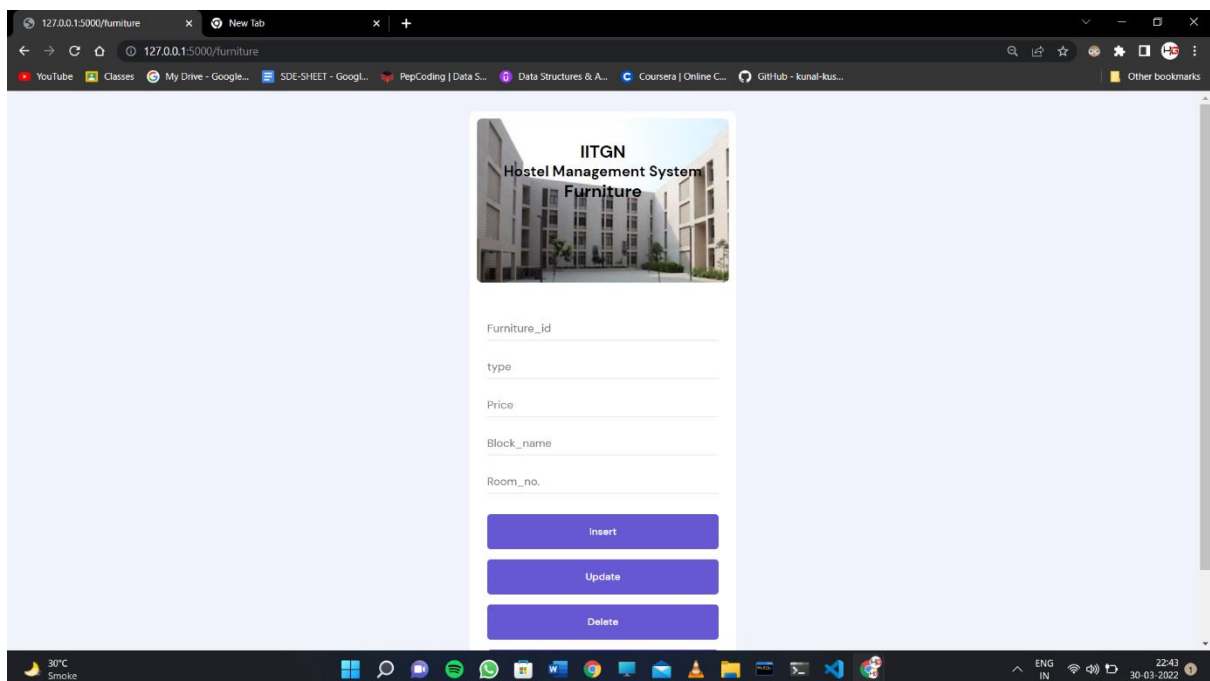
Insert

Update

Delete

Show Table

## FURNITURE TABLE PAGE:



IITGN  
Hostel Management System  
Furniture

Furniture\_Id

type

Price

Block\_name

Room\_no.

Insert

Update

Delete

## STAFF TABLE PAGE:

The screenshot shows a web browser window with the address bar displaying "127.0.0.1:5000/staff". The page features a header image of a building with the text "IITGN Hostel Management System Staff". Below the header, there are four input fields: "Staff\_id", "Name", "Service", and "Salary". At the bottom of the form, there are four purple buttons: "Insert", "Update", "Delete", and "Show Table". The browser's taskbar at the bottom shows the system clock as 22:43 on 30-03-2022.

127.0.0.1:5000/staff

IITGN Hostel Management System Staff

Staff\_id

Name

Service

Salary

Insert

Update

Delete

Show Table

## STAFF\_WORKS\_FOR TABLE PAGE:

The screenshot shows a web browser window with the address bar displaying "127.0.0.1:5000/staff\_works\_for". The page features a header image of a building with the text "IITGN Hostel Management System Staff Works for". Below the header, there are three input fields: "Block\_Name", "Staff\_id", and "Working\_Days". At the bottom of the form, there are four purple buttons: "Insert", "Update", "Delete", and "Show Table". The browser's taskbar at the bottom shows the system clock as 22:43 on 30-03-2022.

127.0.0.1:5000/staff\_works\_for

IITGN Hostel Management System Staff Works for

Block\_Name

Staff\_id

Working\_Days

Insert

Update

Delete

Show Table



## WARDEN TABLE PAGE:

IITGN  
Hostel Management System  
Warden

Warden\_id

name

Salary

Block\_name

Insert

Update

Delete

Show Table

## WARDEN\_CONTACT PAGE:

IITGN  
Hostel Management System  
Warden Contact

Warden\_id

contact

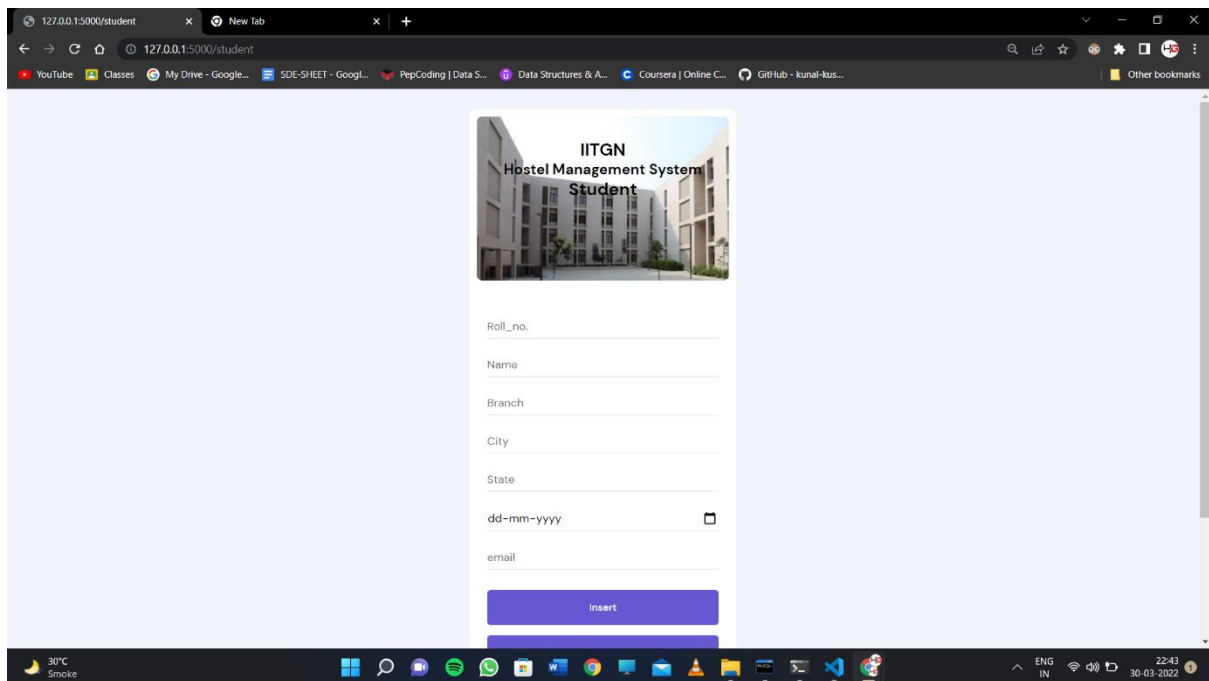
Insert

Update

Delete

Show Table

## STUDENT TABLE PAGE:

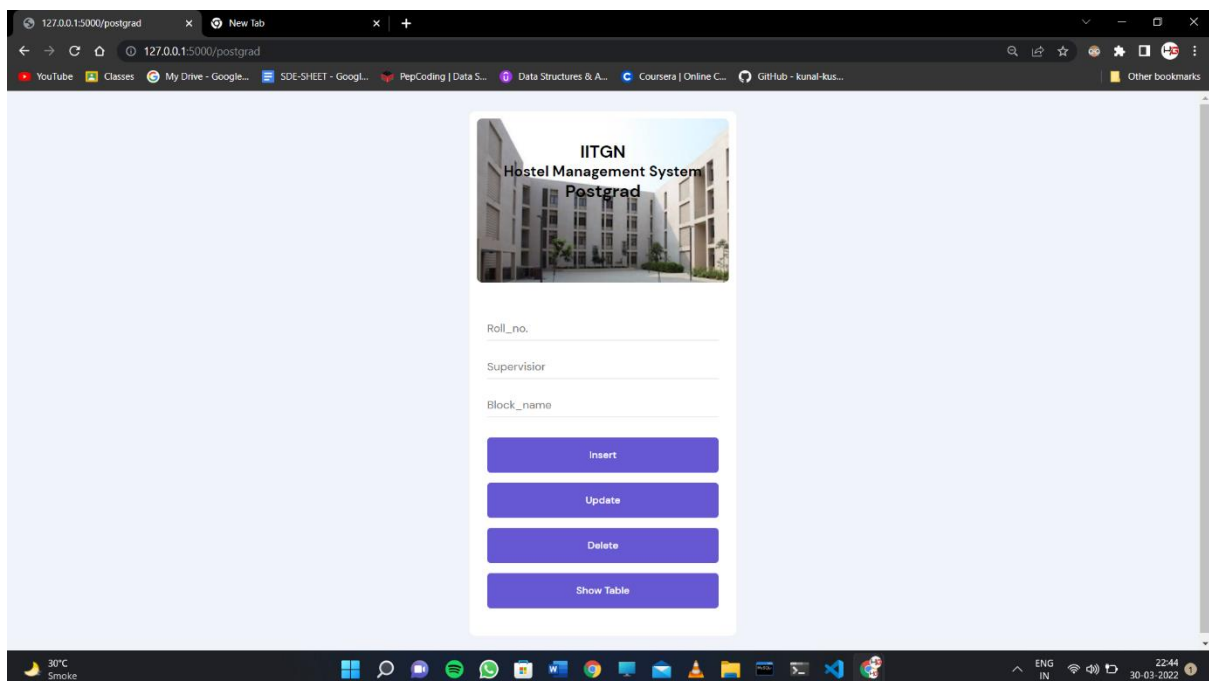


IITGN  
Hostel Management System  
Student

Roll\_no.  
Name  
Branch  
City  
State  
dd-mm-yyyy  
email

Insert

## POSTGRAD TABLE PAGE:

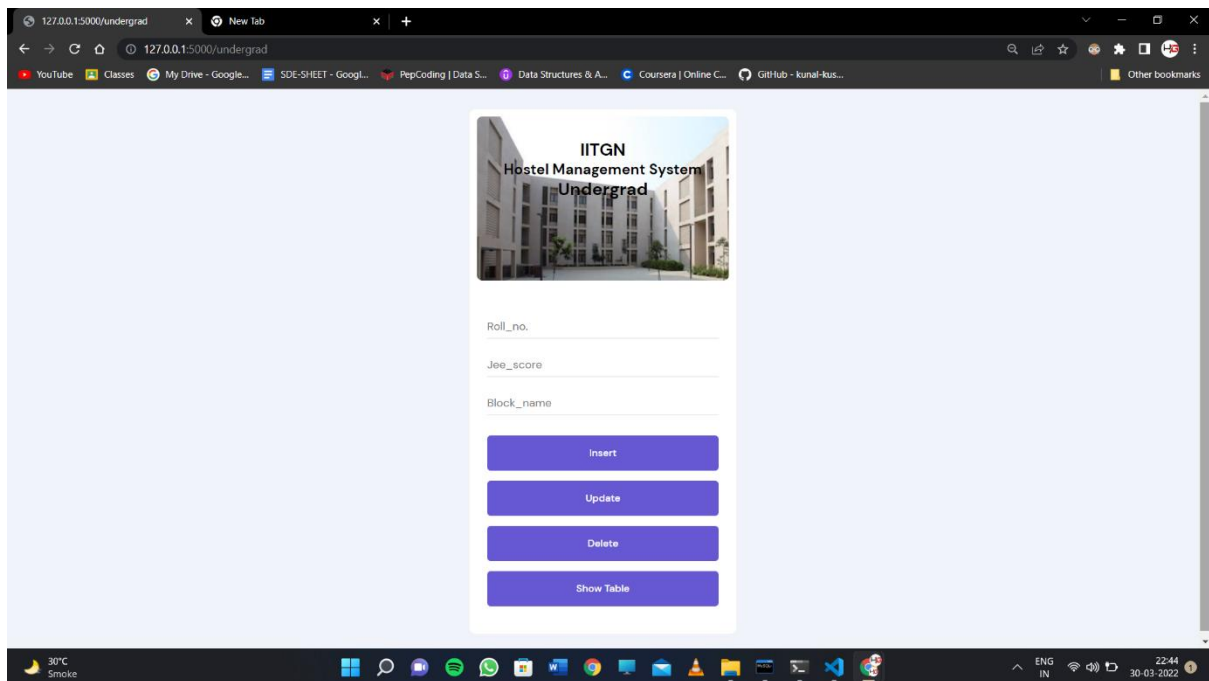


IITGN  
Hostel Management System  
Postgrad

Roll\_no.  
Supervisor  
Block\_name

Insert  
Update  
Delete  
Show Table

## UNDERGRAD TABLE PAGE:



IITGN  
Hostel Management System  
Undergrad

Roll\_no.

Jee\_score

Block\_name

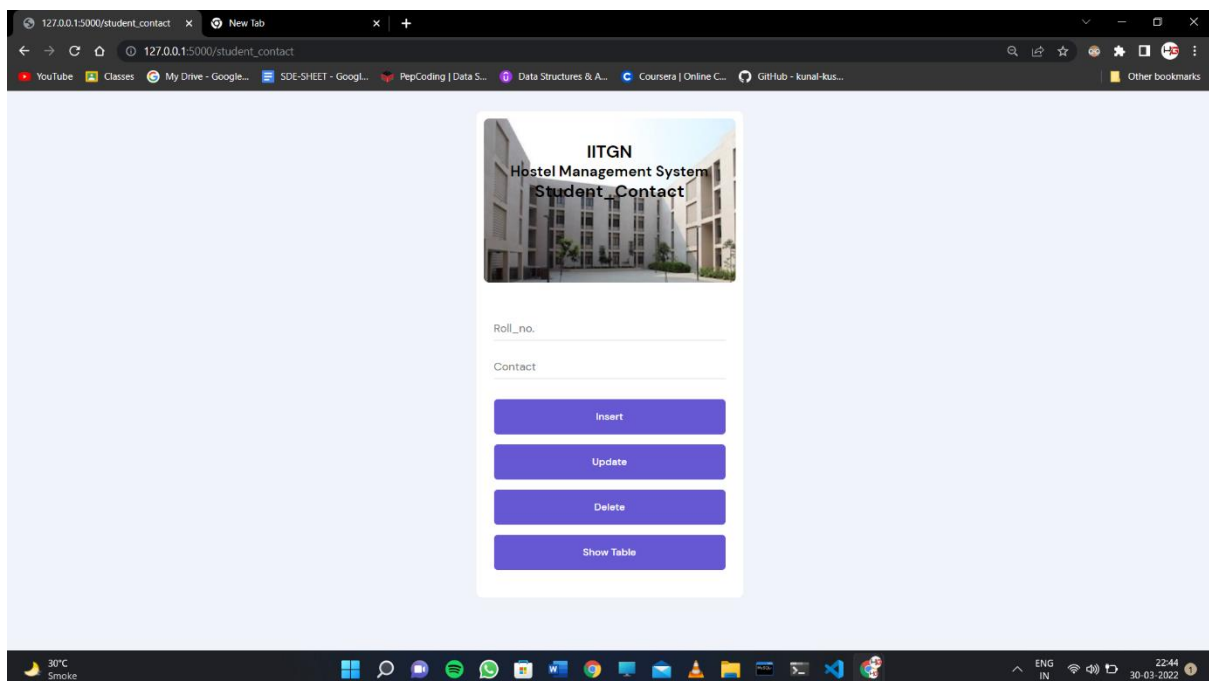
Insert

Update

Delete

Show Table

## STUDENT\_CONTACT TABLE PAGE:



IITGN  
Hostel Management System  
Student Contact

Roll\_no.

Contact

Insert

Update

Delete


Show Table

## LEAVE\_REC TABLE PAGE

127.0.0.1:5000/leave\_rec x New Tab

127.0.0.1:5000/leave\_rec

YouTube Classes My Drive - Google... SDE-SHEET - Googl... PepCoding | Data S... Data Structures & A... Coursera | Online C... GitHub - kunal-kus... Other bookmarks



IITGN  
Hostel Management System  
Leave\_Rec

Record\_no.

----

----

Roll\_no.

-----

Insert

Update

Delete

Show Table

30°C Smoke


ENG IN 22:44 30-03-2022

## TRANSACTION TABLE PAGE:

127.0.0.1:5000/transaction x New Tab

127.0.0.1:5000/transaction

YouTube Classes My Drive - Google... SDE-SHEET - Googl... PepCoding | Data S... Data Structures & A... Coursera | Online C... GitHub - kunal-kus... Other bookmarks



IITGN  
Hostel Management System  
Transaction

Transaction\_id

-----

Amount

-----

Mode of Payment

-----

Insert

Update

Delete

Show Table

30°C Smoke

ENG IN 22:44 30-03-2022

## STUDENT\_HOSTEL\_PAYMENT TABLE:

127.0.0.1:5000/student\_hostel\_payment

Transaction\_Id

Roll\_no.

Block\_Name

Insert

Update

Delete

Show Table

30°C Smoke

ENG IN 22:44 30-09-2022