PHASE-END PROJECT

CAMERA RENTAL APPLICATION

Main objective of this application: -

- To provide an error free application to demonstrate the flow of camera rental process.
- Maintains the record of the camera rental application of camera model/equipment, record of rent, price, date, rents, user and so on.

Modules of this application: -

- Admin: The module will allow Admin to log in to the system and admin can ADD/VIEW/UPDATE/DELETE different camera equipment details. More-over admin can View/Confirm/Cancel bookings, manage registrations, can check payments, etc.
- Camera Registration: This stage will add the details of the camera regarding its features.
- Category: This whole sector would be fully demonstrated by the admin access.
- Availability: Admin would have access regarding the availability of camera
- Rental: Users can rent their choice-based camera based on the need and availability
- Payment: Method of payment would be categorized based upon the model rent and fine would be made on the penalty.

Application features: -

- The user can add a new camera, along with its details, to the existing camera list.
- The application can display the list of cameras available for rent.
    - The list will include details like the camera brand, model, and per-day rent amount.
- The user can select a camera to rent for a day.

User roles of camera rental system: -

Admin:

- Can **Log In/Log Out of** the system.
- Admin can **View/Edit/Delete** camera equipment into the system.
- Can **View/Edit/Delete** camera equipment category into the system.
- Admin can **View/Confirm/Cancel** the booking by the User.
- Can check payments done by User.
- Can change charges of camera equipment

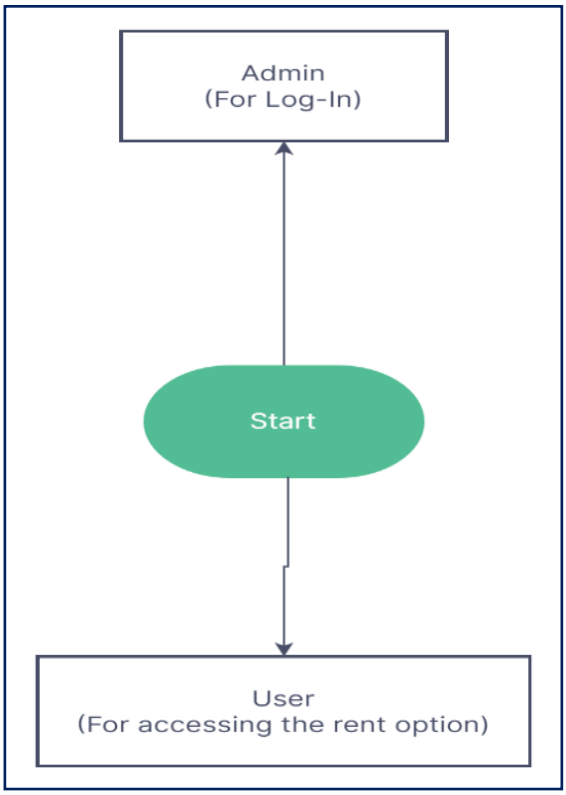
User:

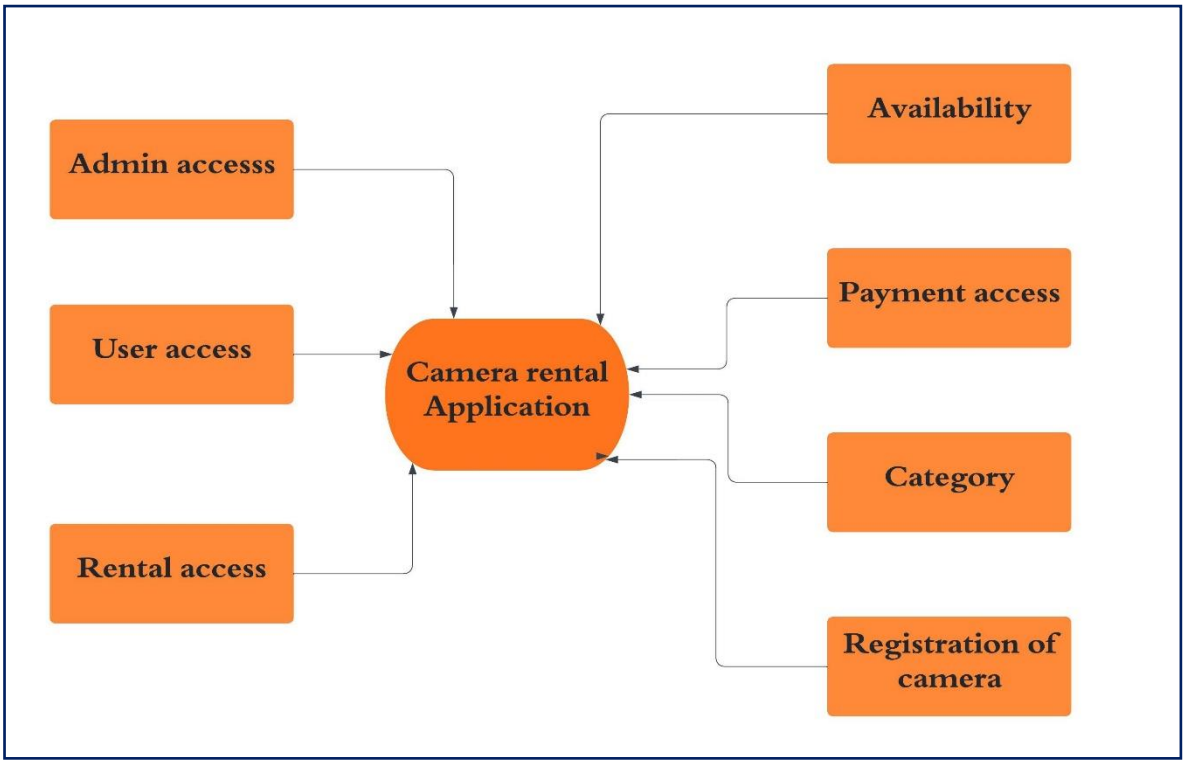
- Can **Log In/Log Out of** the system.
- Can Manage **"My Profile"**.
- Can search for **camera equipment**.
- Users can rent **camera equipment**.
- Users can check availability of camera
- Can make payments online.
- Can change password.

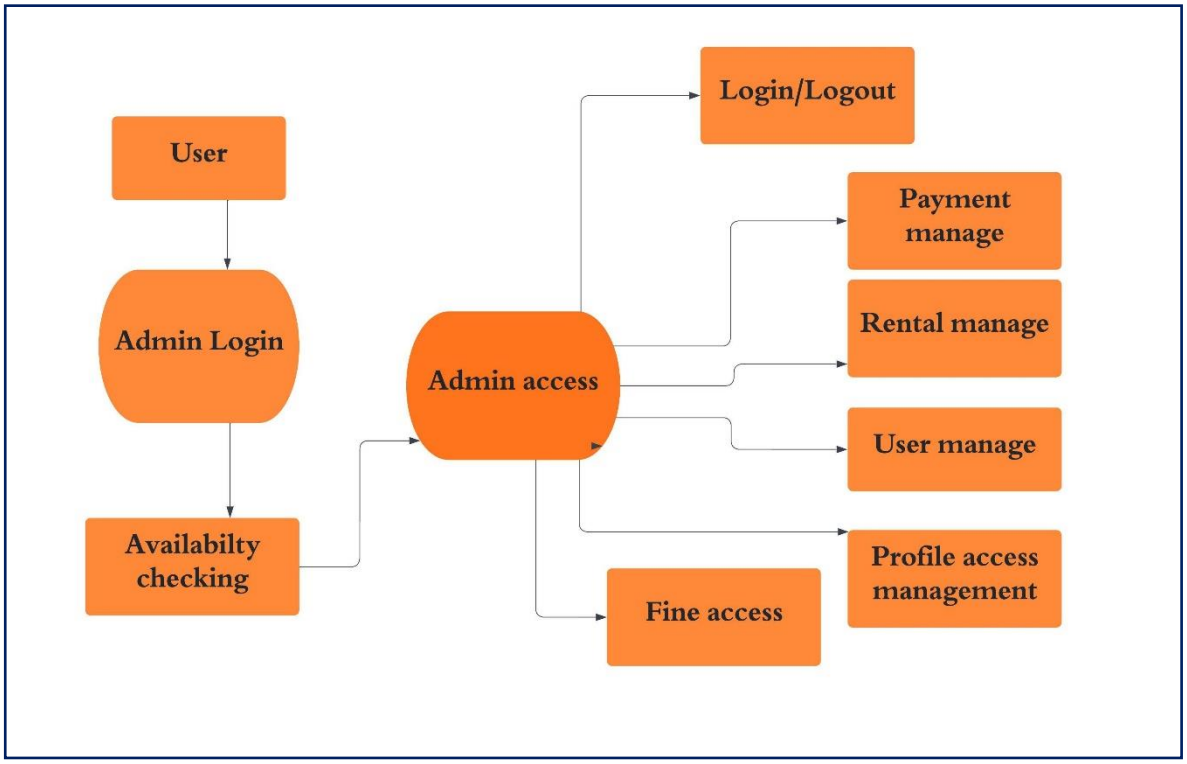
Summarized flow:

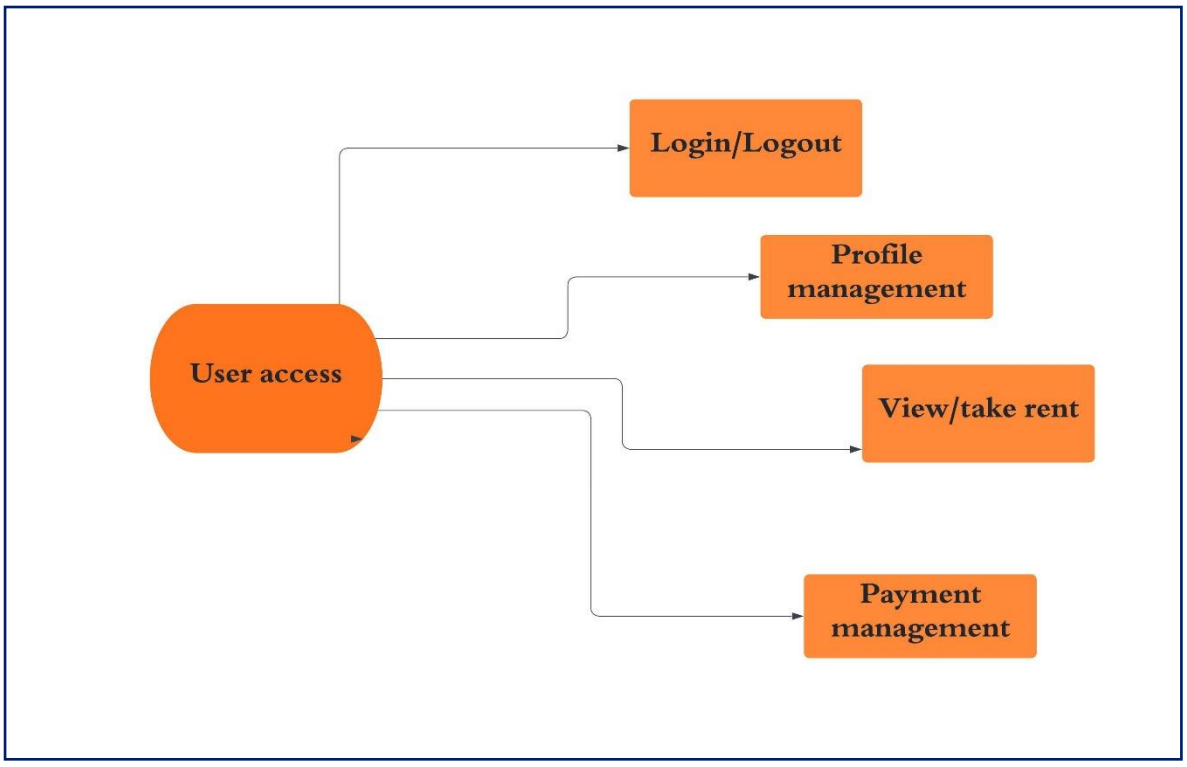
The project has fully been made based on the java workflow and with MySQL and not only the project has been made but also it has been connected with phpMyAdmin to demonstrate the storing and retrieving of data and records. More-over the whole process has been designed with full assurance for an user so as to work smoothly. For the betterment of the system, it has been assigned with the server so as to have a clear state idea-based application flow.

Flow diagram:

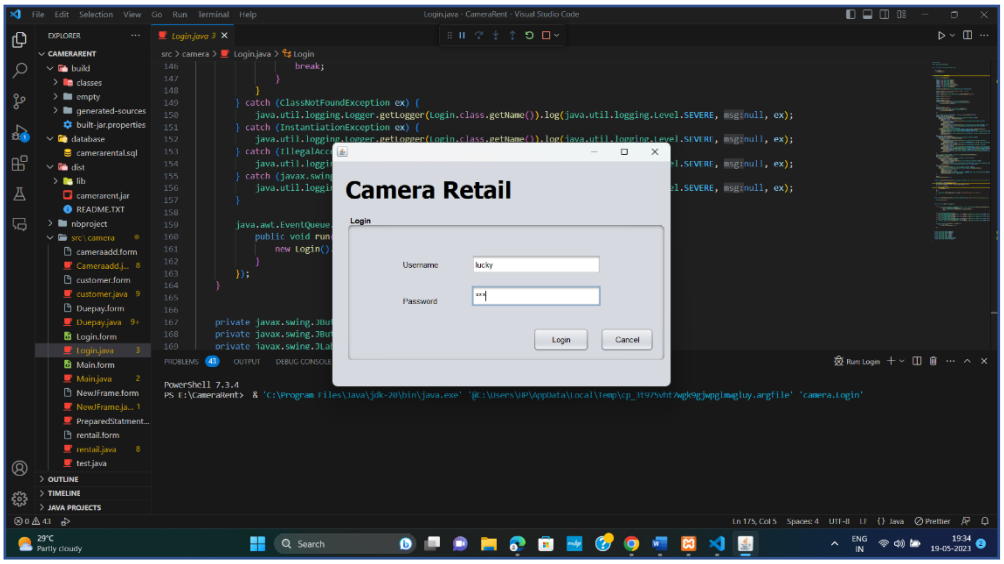


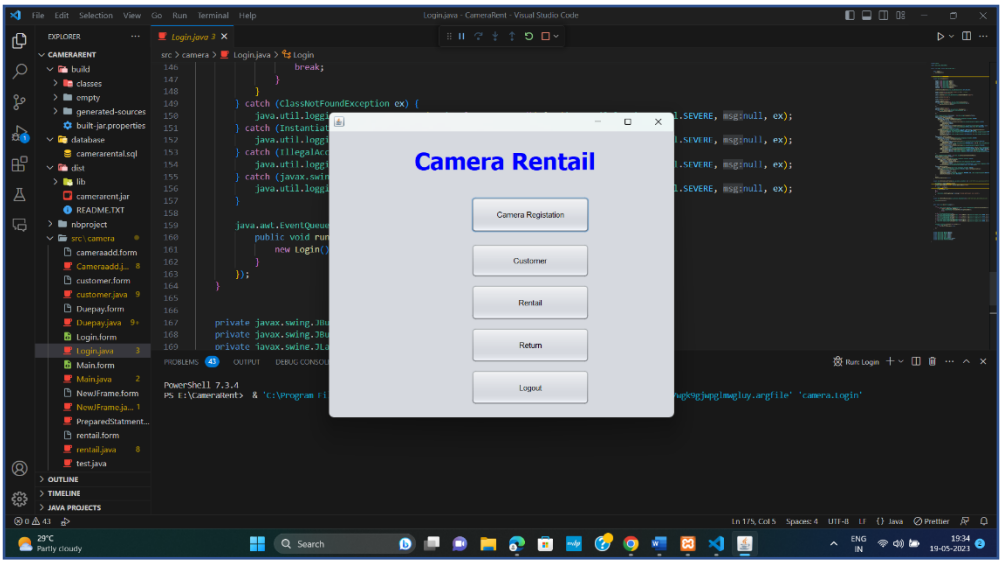


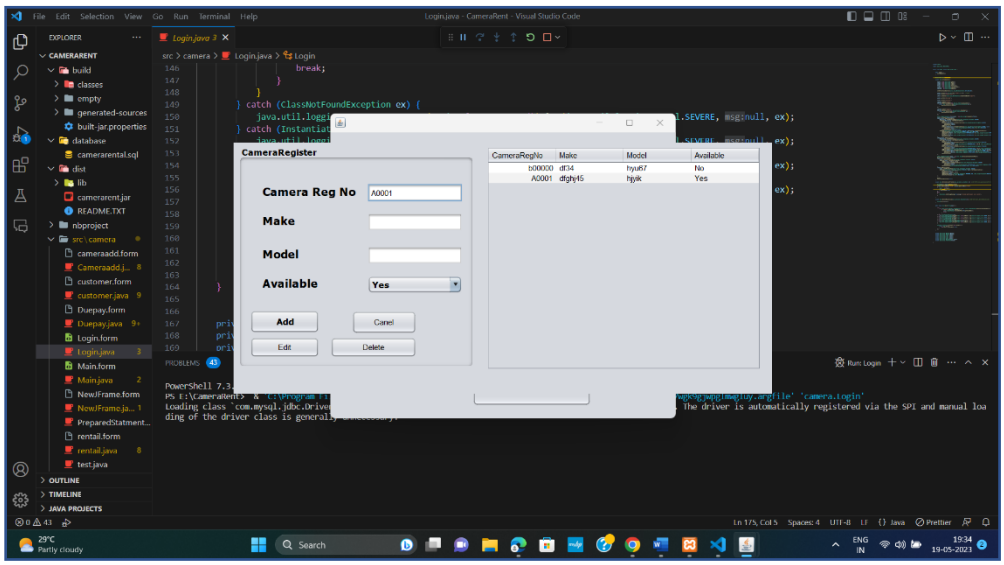

User
Admin Login
Availabilty checking
Admin access
Login/Logout
Payment manage
Rental manage
User manage
Profile access management
Fine access

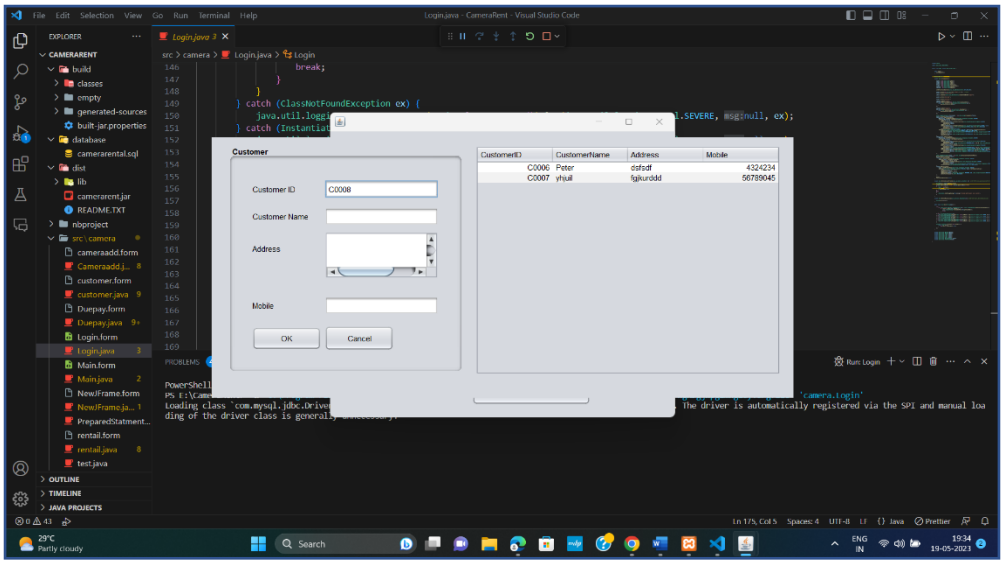

User access
Login/Logout
Profile management
View/take rent
Payment management

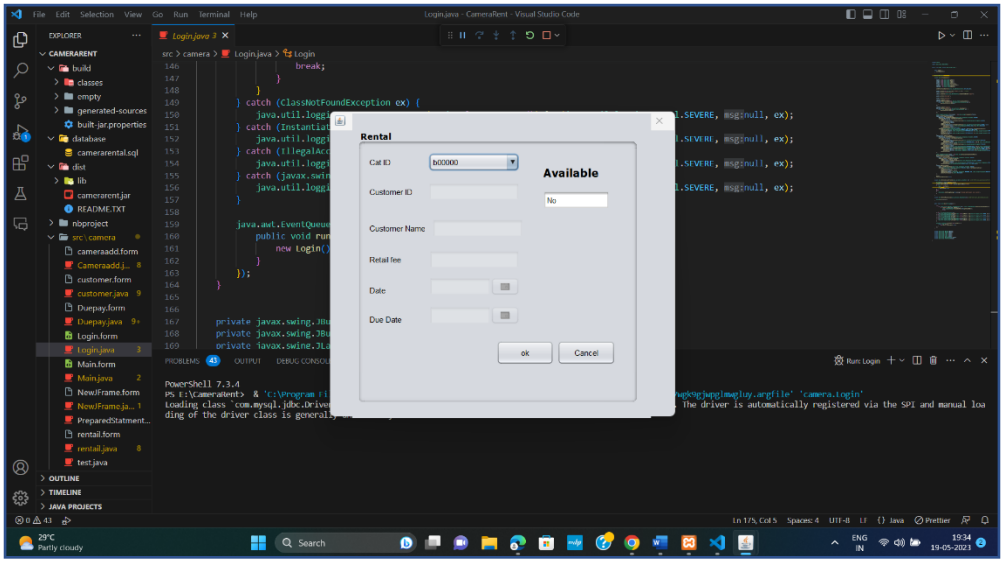
Screenshots of the workflow of the program output:

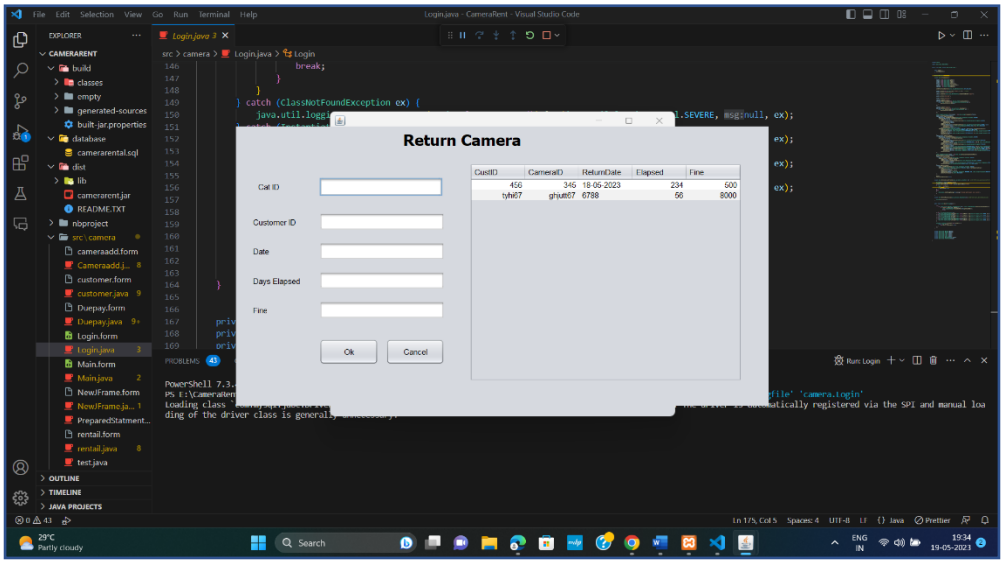




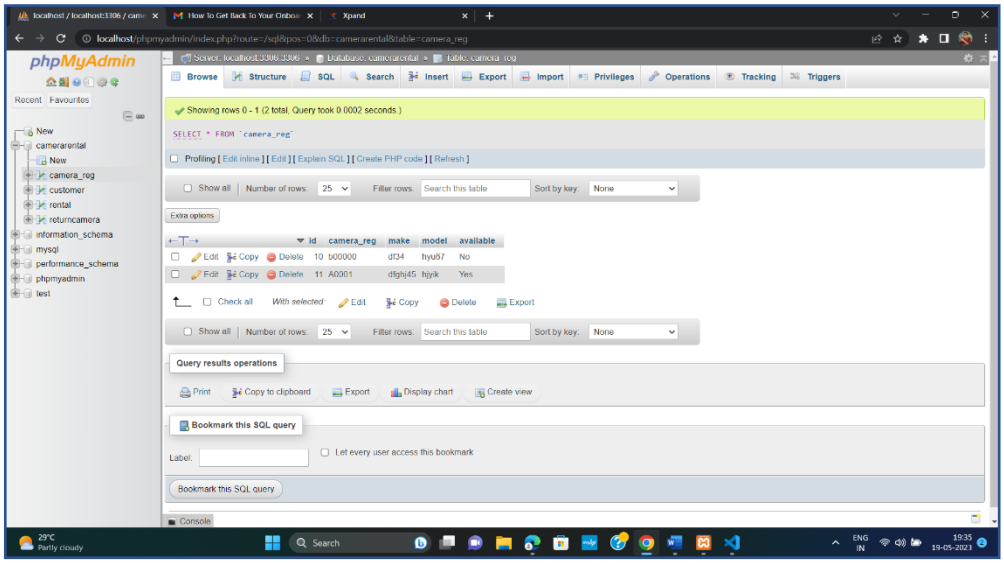


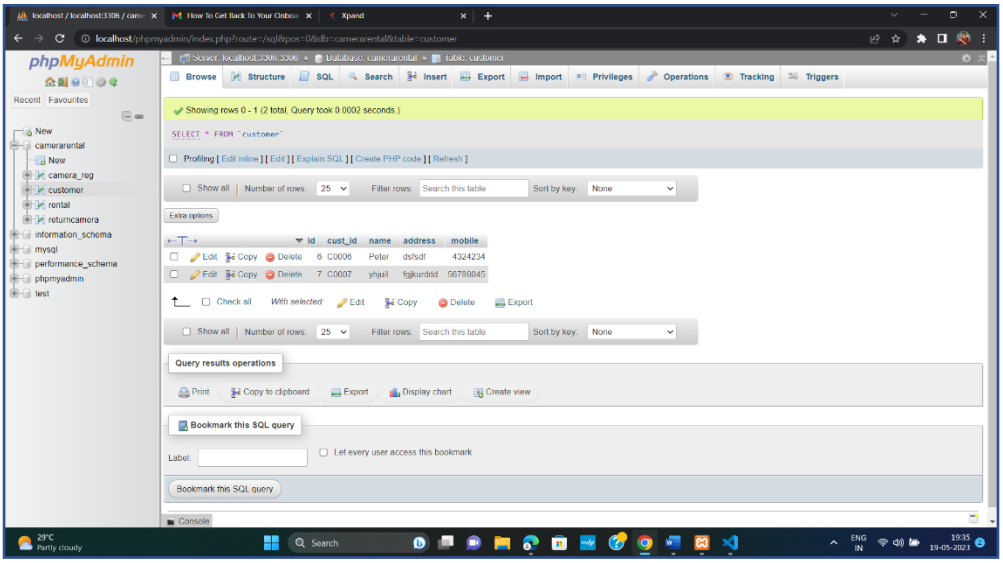

Customer
Customer ID
C0008
Customer Name
Address
Mobile
OK
Cancel
CustomerID
CustomerName
Address
Mobile
C0006 Peter dsfsdf 4324234
C0007 yhjuil fgjkurddd 56789045

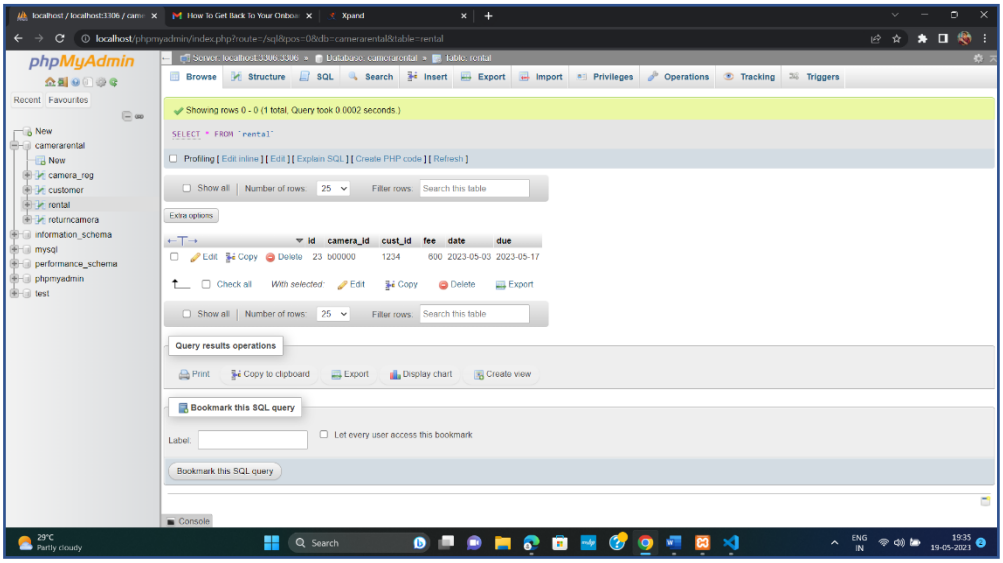

Rental
Cat ID
b00000
Available
No
Customer ID
Customer Name
Retail fee
Date
Due Date
ok
Cancel

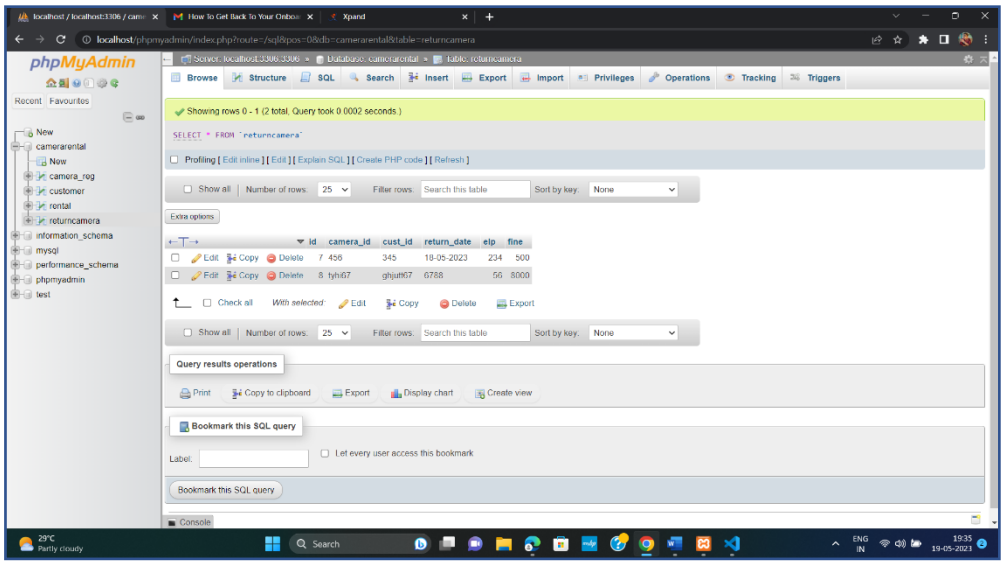

Return Camera
Cat ID
Customer ID
Date
Days Elapsed
Fine
Ok
Cancel
CustID CameraID ReturnDate Elapsed Fine
456 346 18-05-2023 234 600
tyhi67 ghjut67 6788 56 8000

Database connection:









Git-Hub: -

https://github.com/sailinkan2000/simplilearn_exer/tree/main/CameraRent