

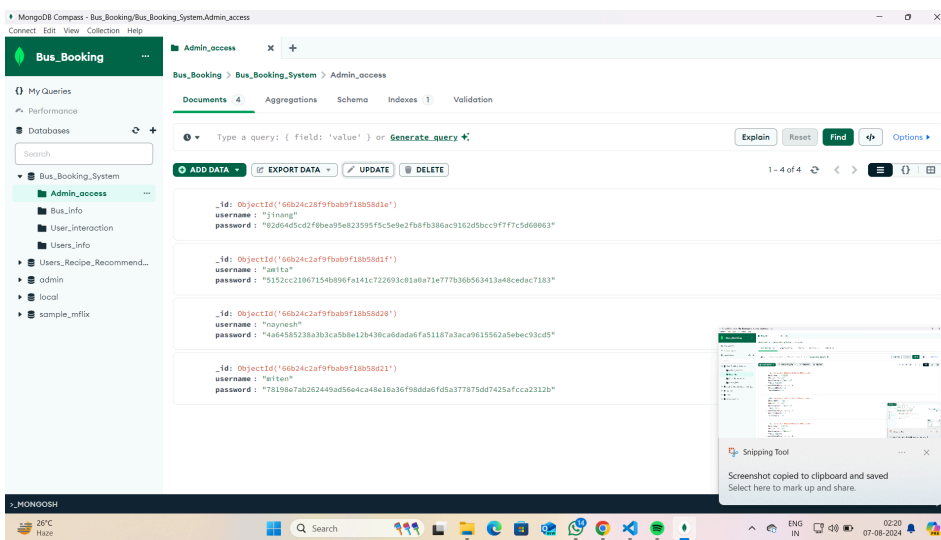
BUS BOOKING SYSTEM MOVEINSYNC

Jinang Shah
b22cs027@iitj.ac.in

Database

Admin Access :

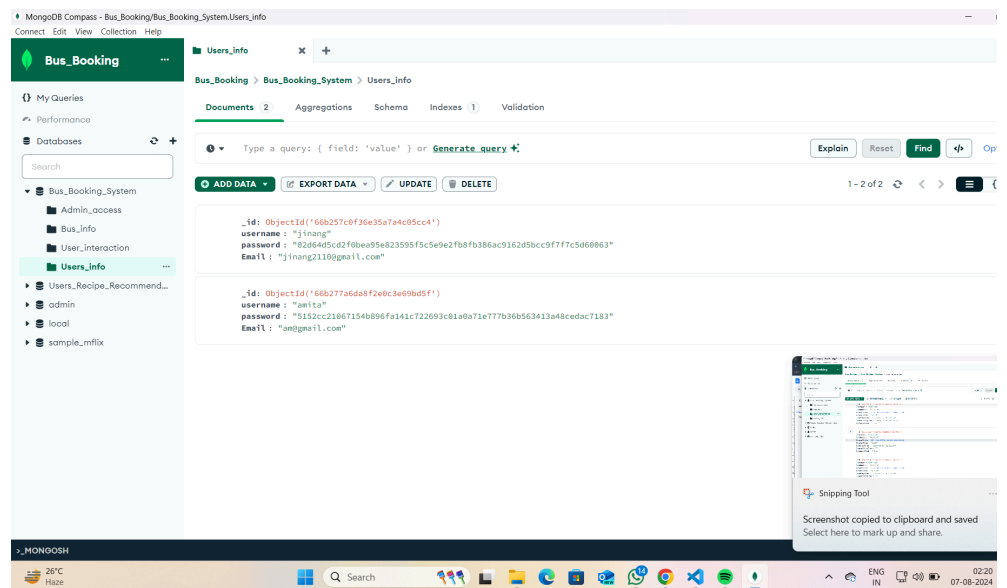
Details of admins like
username and
Password is Stored in a
collection.

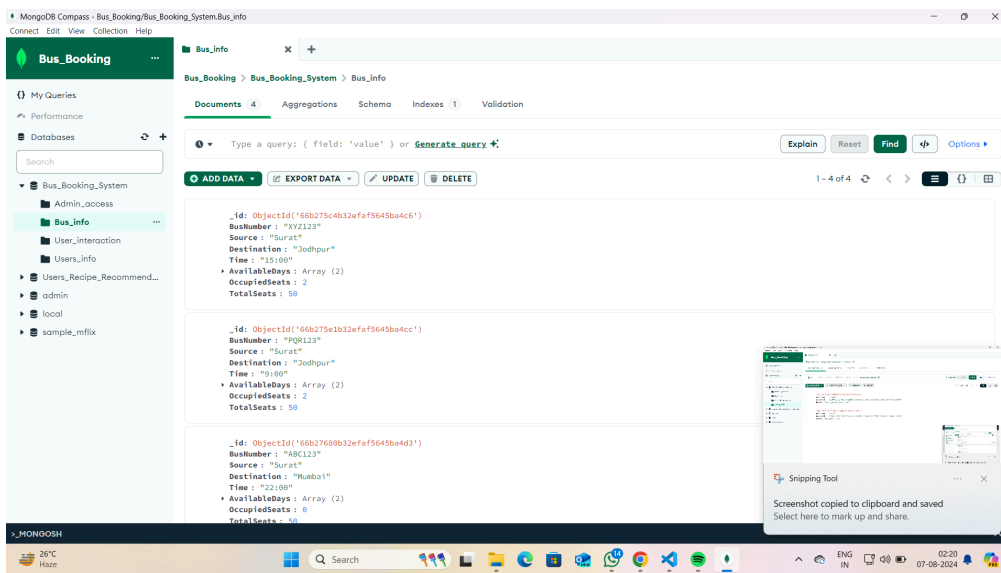


User Details :

Here Details of
Users is stored
like username,
email, password.

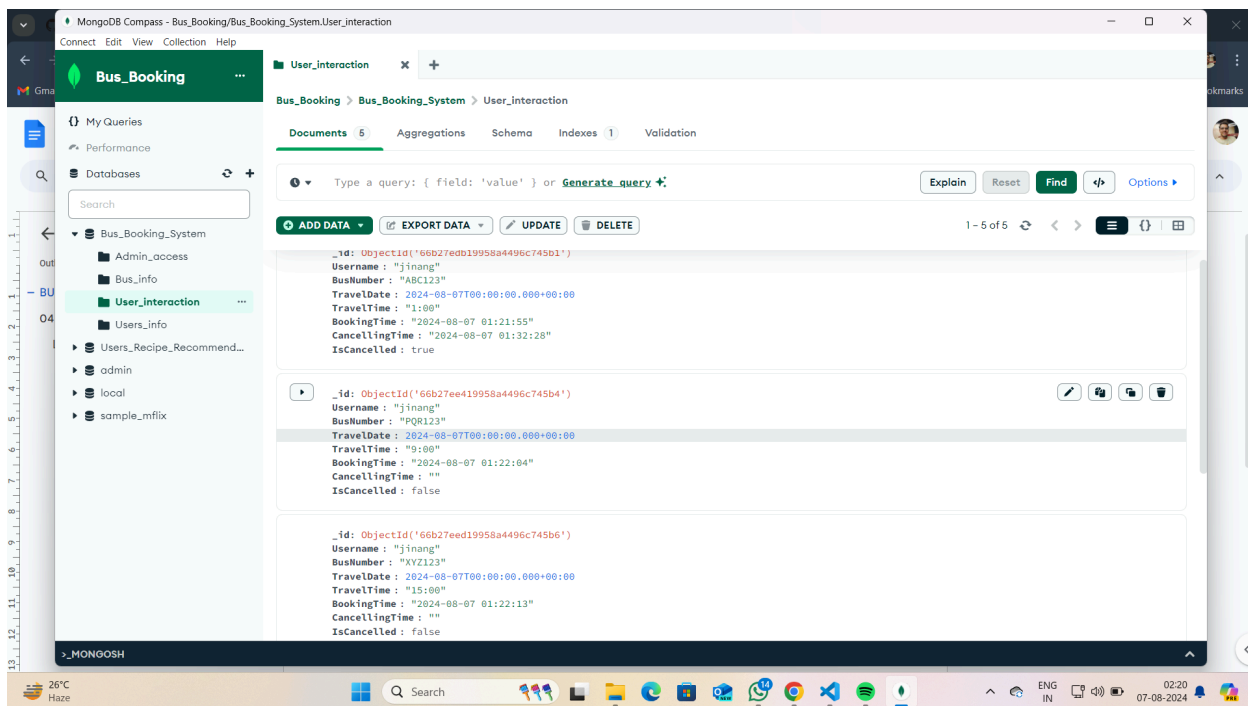
Passwords are
Hashed for
Security Purpose.





Bus Details :

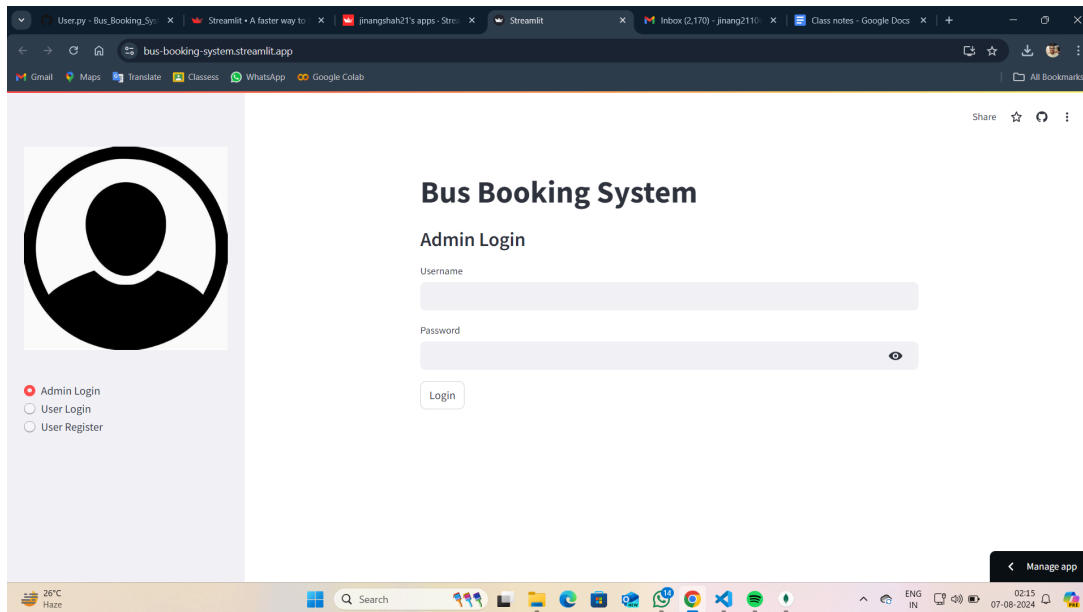
I Stored BusNumber, Source, Destination, Time, available Days, Seats etc.



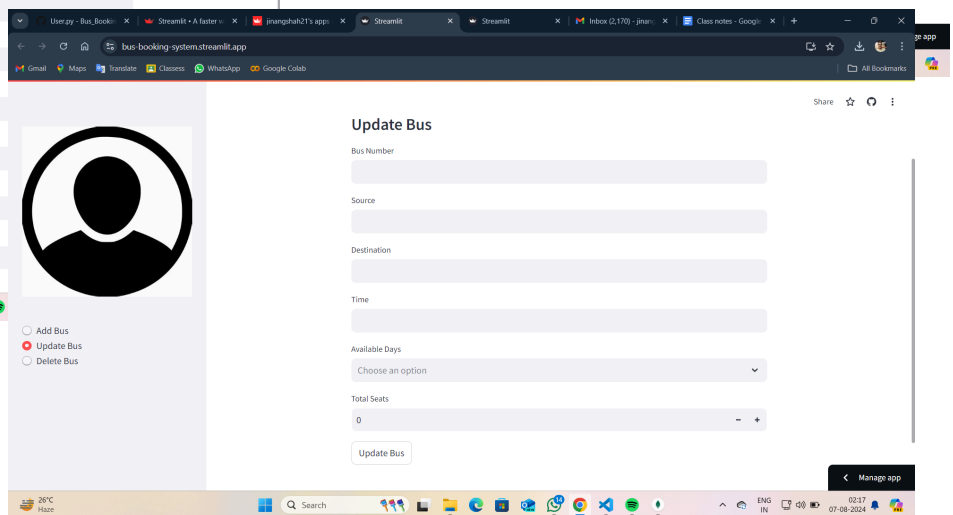
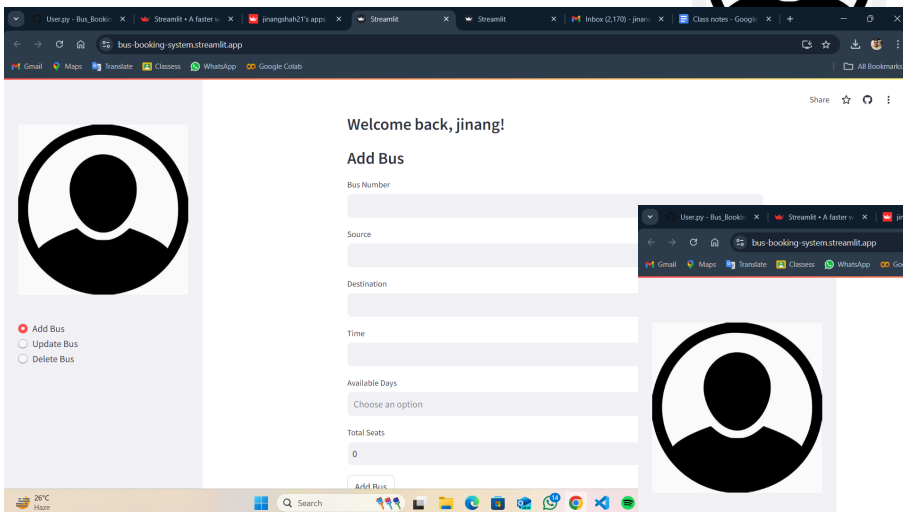
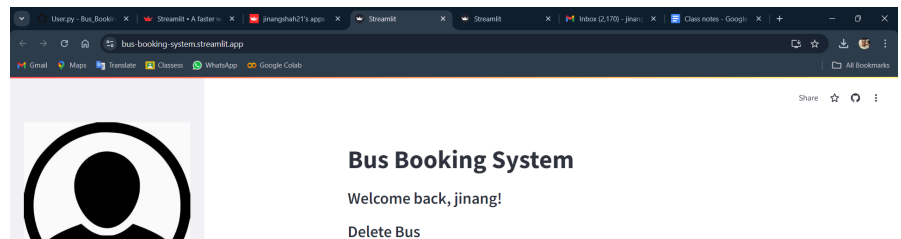
User Interaction :

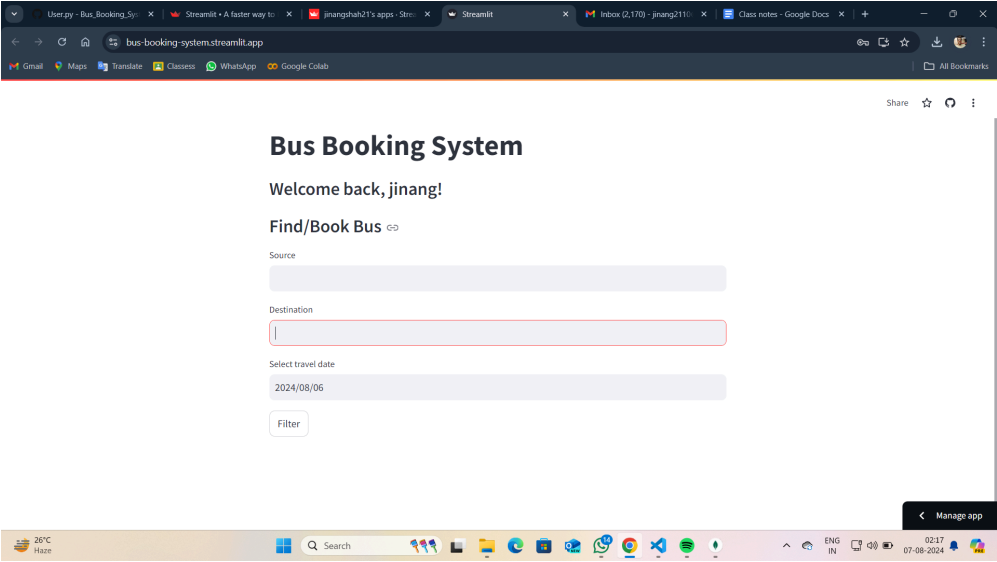
It will Store the data of Booked Seats, Booking Time and Cancellation time.

Streamlit App

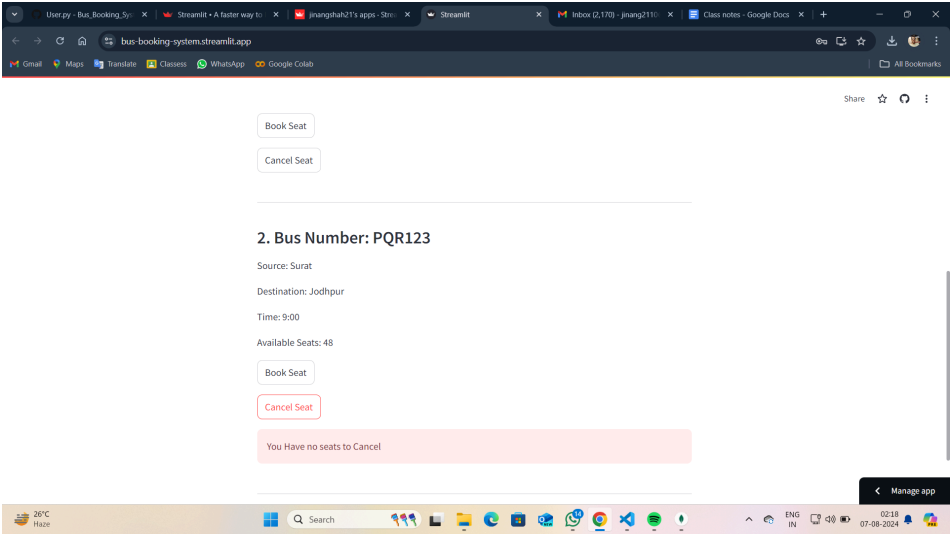
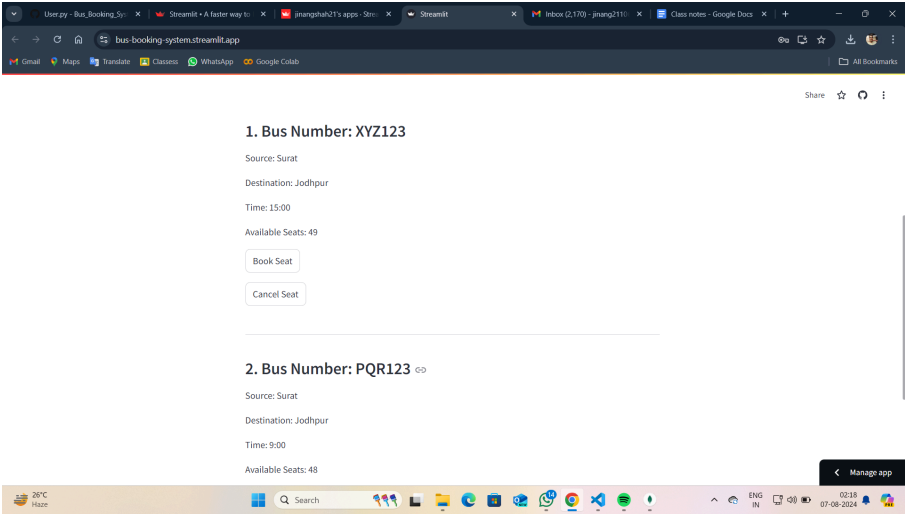


Admin Side :





User side :



Exception Handling :

1) Login/Register :

- Username="" or password = ""
- Password and Username doesn't matches
- He/She is Admin
- Username is occupied

2) Add/Delete/update Bus :

- Any of Field is empty
- Bus Already Exists
- Bus Doesn't Exist (Delete)
- Only Filled fields will be updated (Update)

3) Filter/bookseat/cancelseat Bus :

- No buses found
- No Seat Availability
- Already Booked

ETC.

Tech Used :

- 1) Python (Streamlit App) (UI + Logic)
- 2) MongoDB (Database)