
DBMS MINI-PROJECT

MS VARUN | K GANESH VAIDYANATHAN

PES1UG21CS309 | PES1UG21CS253

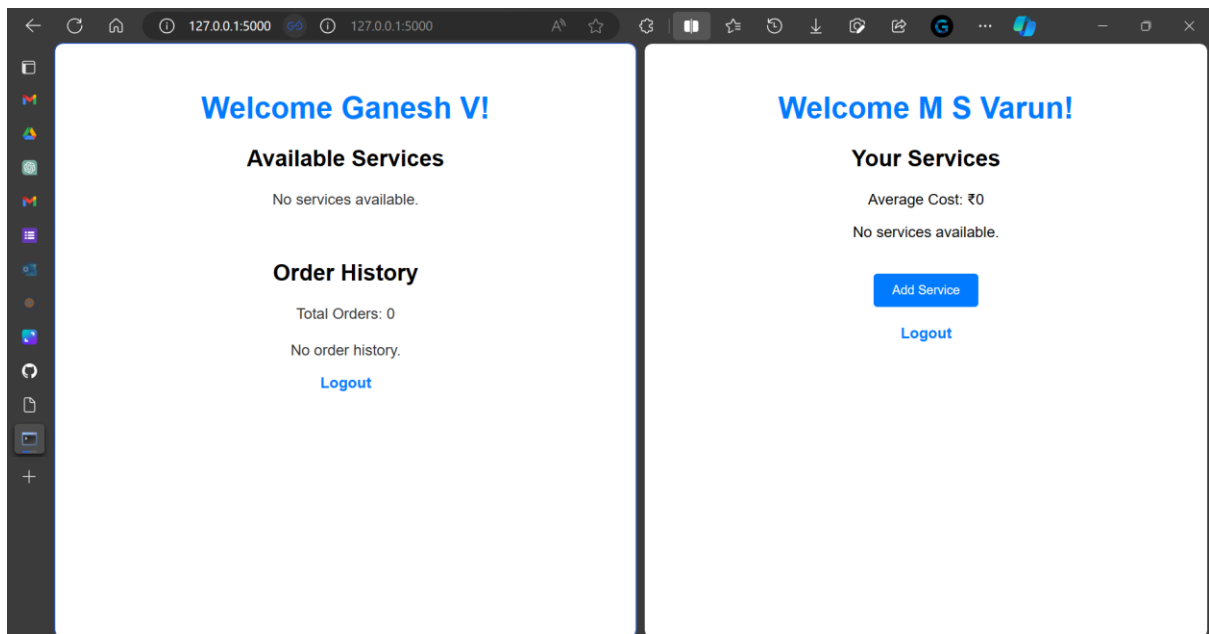
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SCREENSHOTS OF WORKFLOW:

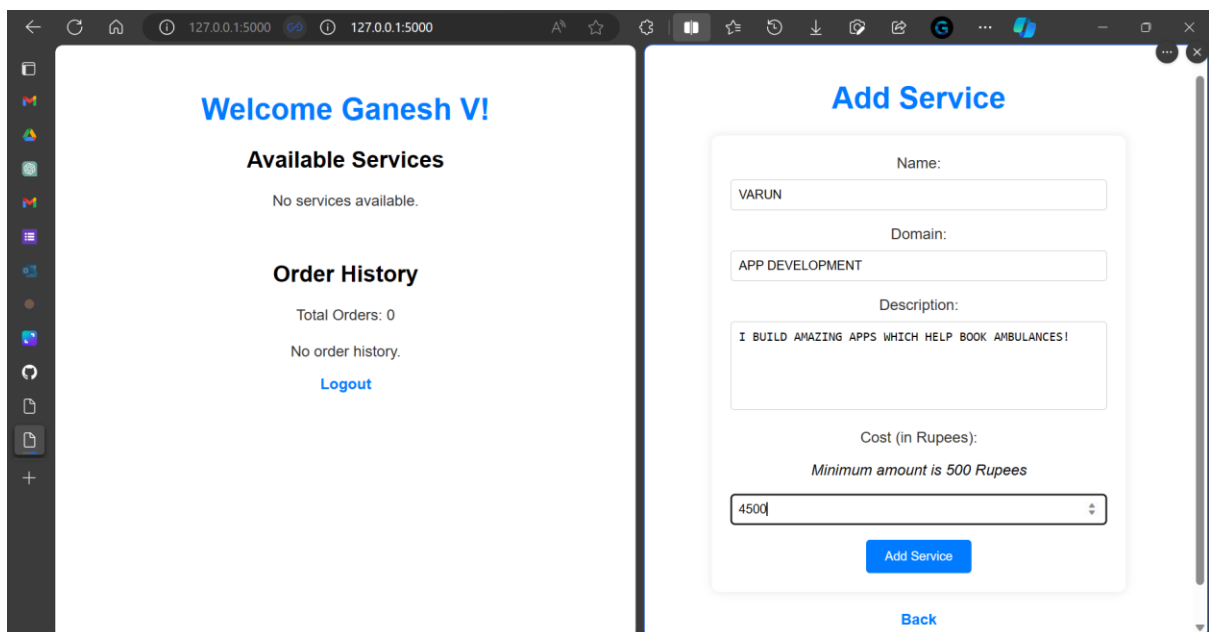
FIRST, WE ALLOW THE USER TO REGISTER AND LOGIN AS EITHER FREELANCER OR CUSTOMER

The image displays two side-by-side browser windows showing a web application interface. The left window shows the 'Register' page, which includes a 'User Type' dropdown menu (set to 'Customer'), and input fields for 'Username', 'Password', 'First Name', 'Last Name', 'Phone Number', and 'Location'. A blue 'Register' button is at the bottom. The right window shows the 'Login' page, which includes input fields for 'Username:' and 'Password:', a blue 'Login' button, and a link that says 'Don't have an account? Register'.

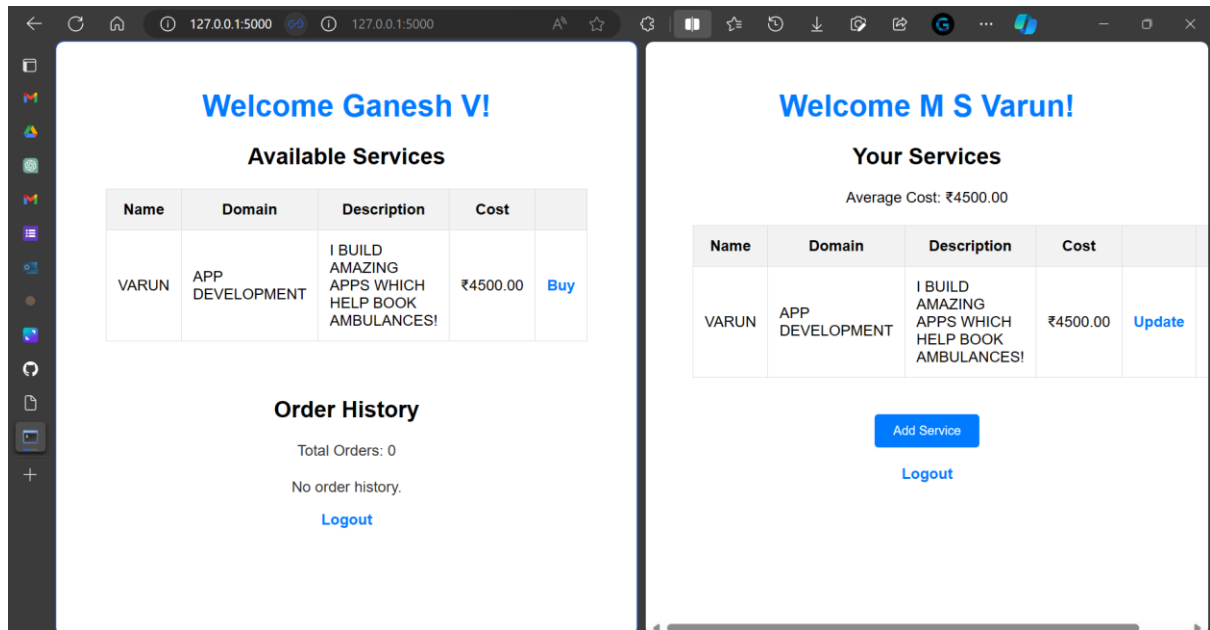
HERE, GANESH IS THE CUSTOMER WHO CAN PURCHASE SERVICES AND VARUN IS THE FREELANCER.



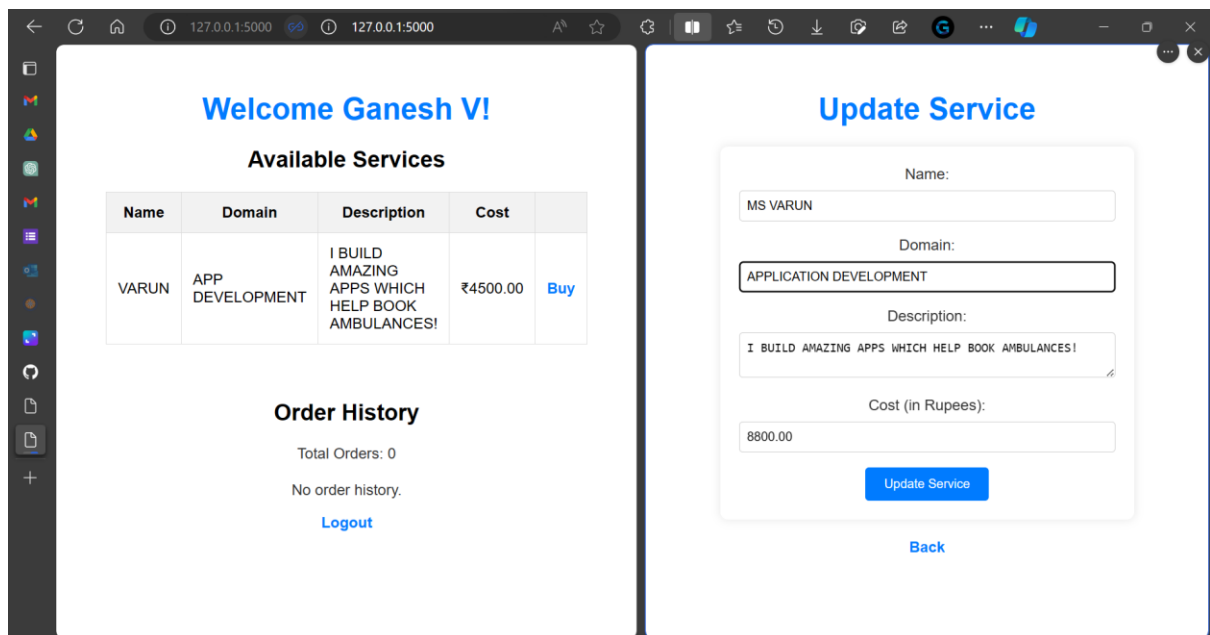
NEXT, VARUN THE FREELANCER CAN ADD A SERVICE



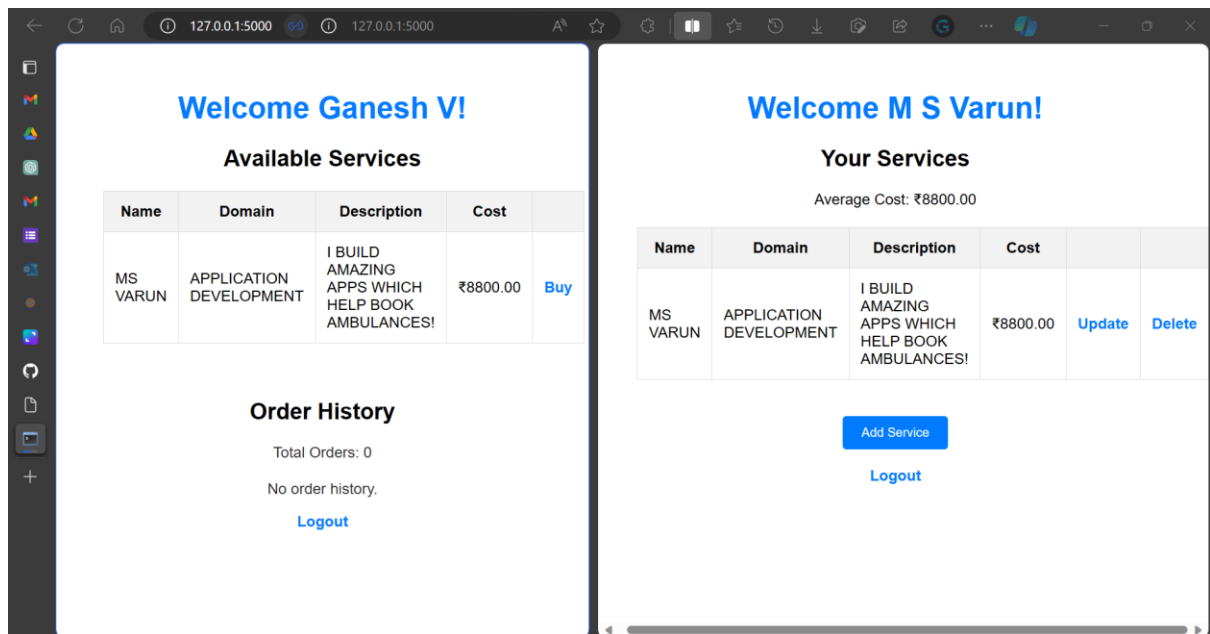
AFTER THE FREELANCER ADDS A SERVICE, IT SHOWS UP ON THE “AVAILABLE SERVICES” IN THE CUSTOMER’S PAGE



THE FREELANCER CAN ALSO UPDATE THE CONDITIONS OF THE SERVICE THAT HE PROVIDES

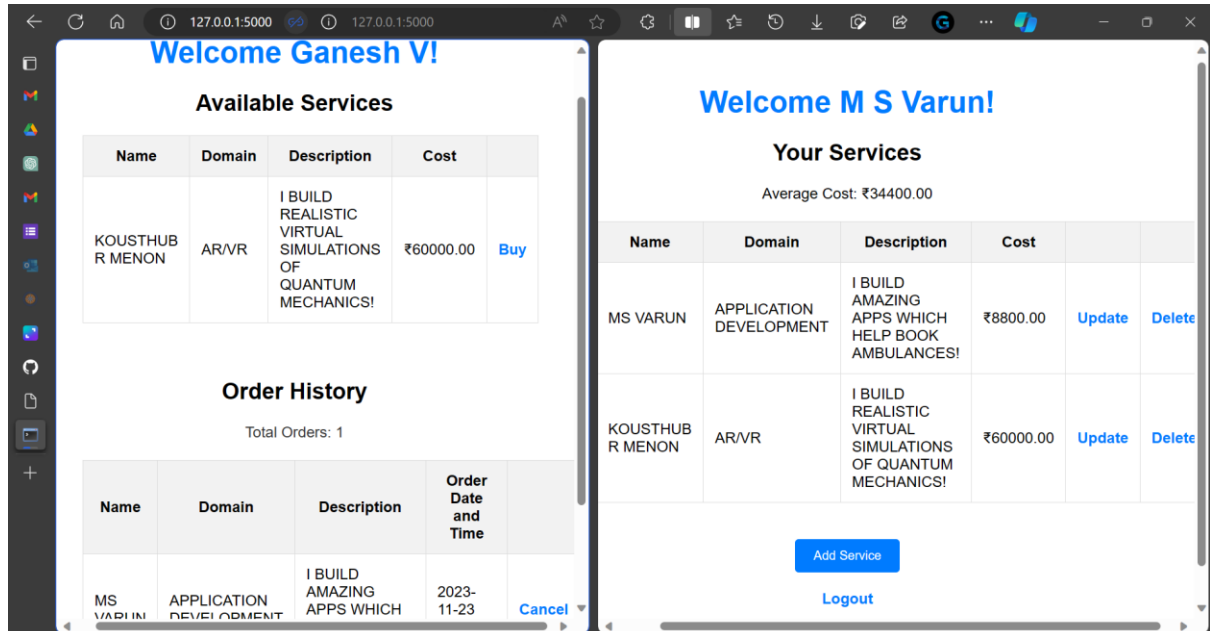


THE UPDATES ARE SHOWN TO THE FREELANCER

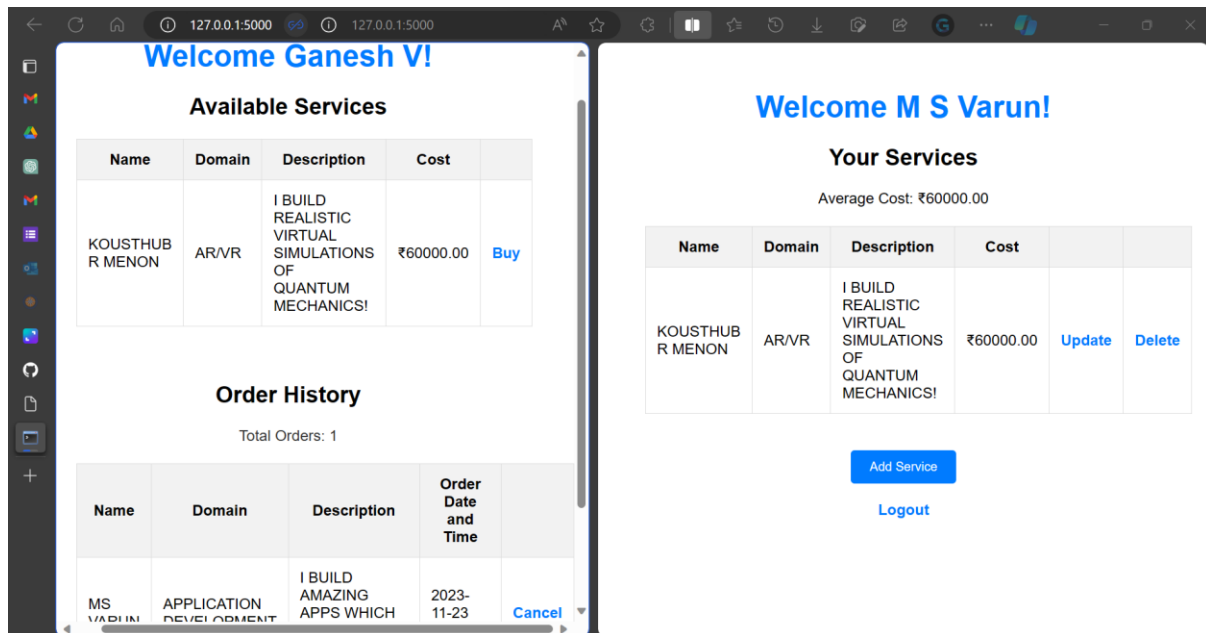


THE CUSTOMER CLICKS ON BUY TO PURCHASE A PARTICULAR SERVICE

SIMILARLY, WE AGAIN ADD ANOTHER SERVICE, WHICH ALSO REFLECTS ON TOP OF THE CUSTOMER'S PAGE



EVEN WHEN A FREELANCER DELETES HIS SERVICE, THE ORDER HISTORY STILL SHOWS THE SERVICE THAT THE CUSTOMER HAS AVAILED. AFTER DELETING, THE PARTICULAR SERVICES DISSAPPEARS FROM THE FREELANCER'S PAGE.



QUERY WHICH MA'AM ASKED US TO EXECUTE:

Q: FIND THE NUMBER OF SERVICES PROVIDED BY FREELANCER VARUN AFTER A PARTICULAR DATE & TIME.

A: THE SOLUTION INVOLVES PERFORMING 2 JOINS ACROSS 3 DIFFERENT TABLES.

```
mysql> SELECT COUNT(*) FROM FREELANCER AS A
      -> JOIN SERVICE AS B
      -> ON A.ID = B.FREELANCER_ID
      -> JOIN ORDERS AS C
      -> ON B.ID = C.SERVICE_ID
      -> WHERE C.DATE_AND_TIME > "2023-11-23 16:32:00" AND LNAME = "VARUN";
+-----+
| COUNT(*) |
+-----+
|         1 |
+-----+
1 row in set (0.00 sec)
```