IDEAS

1. Quiznos (using tkinter, matplotlib , database)
2. House Budget Manager using tkinter, matplotlib, database
3. **Railway station Auto Rikshaw management**
4. Cricket stadium management

Topic : RaStAuRi Management

(Railway station Auto Rikshaw management)

2 TYPES OF USERS

1. Auto Rikshaw driver
2. Auto Rikshaw rider

RIDER :

1. Input :
2. Rider name. (login)
3. Rider’s phone no. (login)
4. Present location (gps) \*
5. Destination
6. No. of seats required
7. Luggage
8. Fuel Type
9. Time (at what time auto rikshaw required)
10. Price range
11. Output:
12. Auto Driver name
13. Auto rikshaw No.
14. Auto driver phone no.
15. No. of seats
16. Luggage
17. Offered Price (to be calculated)
18. Present Location of Rikshaw (gps)
19. Time taken to reach destination (via calculation)

Driver:

1. Input:
2. Auto Driver Name (login)
3. Auto Rikshaw no. (login)
4. Auto driver phone no. (login)
5. No. of seats (login)
6. Luggage (login)
7. Offered Price(optional)
8. Output:
9. Rider Name
10. Rider’s Phone No.
11. Present location
12. Destination

**PROPOSED SYSTEM**

This prevents a lot of time and efforts. The work becomes fully automated and hailing auto can be done just by clicking the button. Moreover, now it’s an age of computers of and automating such an organization gives better look.

Coding Part Begins…

Sign up Page Layout:

Username

Password

Email Id (OTP verification)

Phone Number

Login Page Layout:

Username

Password

1. Sign up : - Email id (along with login)
2. Database :- Mysql (mysql , python connectivity)
   * Record updation (processing)
   * Record searching (processing)
   * Record access
   * Record output (in terminal)
3. Output (in Django)

Sign Up :

1. OTP Verification :- Lovely
2. Creating account in database :- Aarohi

Login :- Shreeji

Processing :

1. Record insertion (input) :- Shreeji
2. Record updation (processing) :- Aarohi
3. Record searching (processing) :- Lovely

***Deadline :- 30 December 2021, Thursday***

Two types of data to be entered by Rider:

1. To be used to find driver

To be entered by rider on the spot

Total number of fields : 6

* + Fuel Type
  + Luggage



* + Number of seats



* + Time of arrival



1. To be sent to driver
   * Destination



* + Time of arrival
  + Rider name
  + Rider phone number
  + Railway station name (platform number)



Two types of data to be entered by Driver:

1. To be used to find Rider
   * Time range
2. To be sent to Rider
   * Auto Driver name
   * Auto rikshaw No.
   * Auto driver phone no.
   * No. of seats
   * Luggage

FUNCTIONS :

1. Additional\_data() : will ask for 6 on the spot inputs
2. Time\_range() :
3. Send\_rider\_data\_to\_driver() : (using email)
4. Send\_driver\_data\_to\_rider() : (using email)
5. Find\_driver() : main processing

Rider\_data\_to\_driver\_email\_format :

Hello <driver\_name> , we have found one rider for you.

Here is the rider’s details :

Rider Name : <Rider\_name>

Rider Phone Number : <Rider\_phone\_no>

Destination : <destination>

Time of Arrival : <time\_of\_arrival>

Railway Station nam : <railway\_station\_name>

Platform Number : <platform\_no>

Thank You

Team RaStAuRi

**MENU DRIVEN RASTAURI**

**PAGE 1**

1. Login – login(), extract\_user\_data()
2. Exit – break the loop

**PAGE 2**

1. Find Driver –
2. additional\_data()
3. select\_driver()
4. send\_rider\_data\_to\_driver()
5. send\_driver\_data\_to\_rider()
6. Account settings – record\_updataion()
7. Exit – break the loop
8. Rider -
9. Account settings – record\_updataion()
10. Change time of availability – time\_change()
11. Exit – break the loop
12. Driver -