

## **Submission File**

### **Team members**

Yashwanth Goud Boyapally

Sai Venkat Reddy Kopparthi

# **Railway Reservation System – Project 1: CSE-5330**

**HONOR CODE**

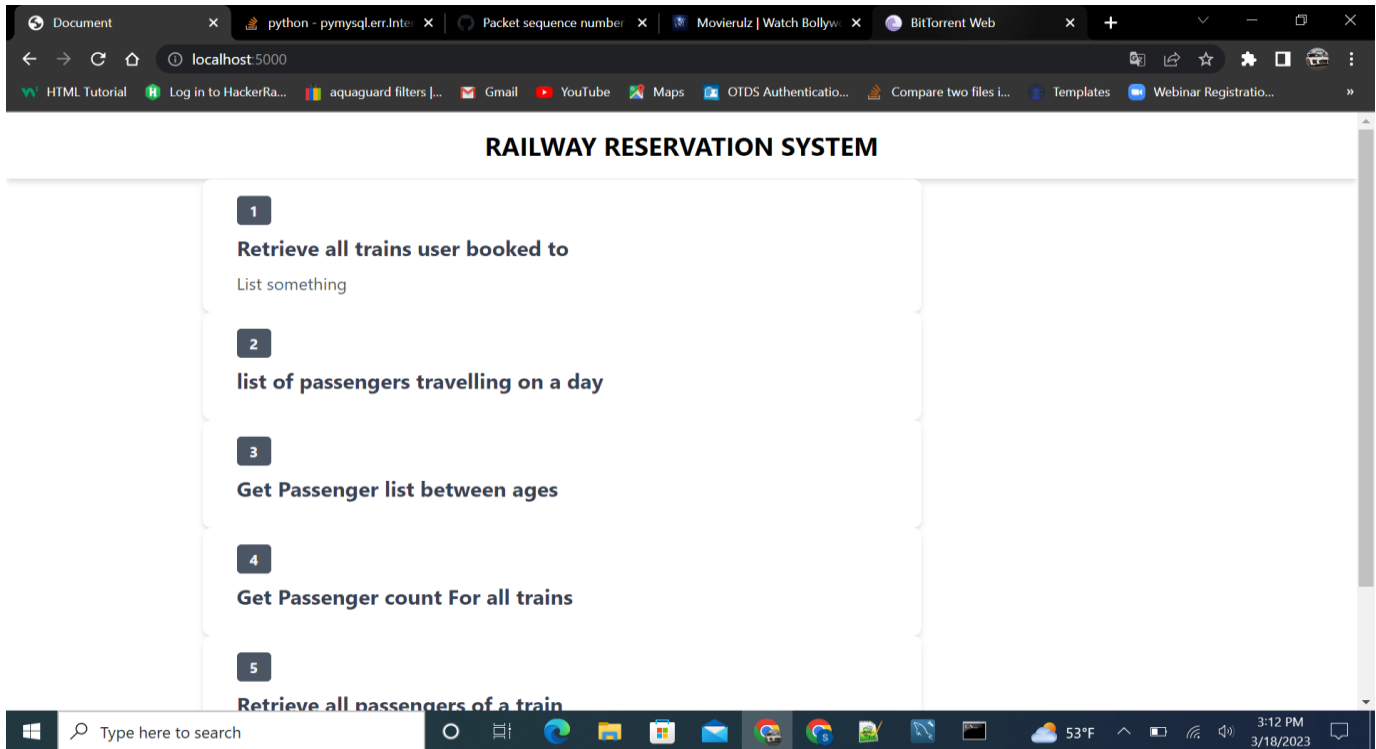
I pledge, on my honor, to uphold UT Arlington's tradition of academic integrity, a tradition that values hard work and honest effort in the pursuit of academic excellence.

I promise that I will submit only work that I personally create or that I contribute to group collaborations, and I will appropriately reference any work from other sources. I will follow the highest standards of integrity and uphold the spirit of the Honor Code.

Students are required to not share any of the project related documents and solution with others in any way or form even after the completion of the project. Students may, however, show their projects to interviewers.

# Tasks

## Overall GUI:



## 1. Retrieve all trains user booked to

1Form

python - pymysql.Lerr.Inte

Packet sequence number

Movierulz | Watch Bollyw

BitTorrent Web

localhost:5000/form/1

HTML Tutorial

Log in to HackerRa...

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Gmail

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Templates

Webinar Registratio...

RAILWAY RESERVATION SYSTEM

Retrieve all trains user booked to

Firstname

John

Lastname

Doe

Submit

Type here to search

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3/18/2023

1Result

python - pymysql.Lerr.Inte

Packet sequence number

Movierulz | Watch Bollyw

BitTorrent Web

localhost:5000/1

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RAILWAY RESERVATION SYSTEM

TRAIN NUMBER	TRAIN NAME	SOURCE	DESTINATION	DATE	CATEGORY	STATUS
002	Metro	Los Angeles	San Francisco	2023-03-02	general	confirmed

## 2. list of passengers travelling on a day

Readme.pdf

Title

+

localhost:5000/form/2

RAILWAY RESERVATION SYSTEM

list of passengers travelling on a day

Select Day

Sunday

Submit

Type here to search

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3/19/2023

Readme.pdf

1Result

+

localhost:5000/2

RAILWAY RESERVATION SYSTEM

FIRST NAME	LAST NAME	TRAIN NUMBER	CATEGORY
Art	Venere	002	premium
Abel	Maclead	002	general
Sage	Wieser	002	general
Fletcher	Flosi	002	premium
Kris	Marrier	002	general
Minna	Amigon	004	premium
Graciela	Ruta	004	general
Kiley	Caldarera	004	general
Art	Venere	004	premium

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3/19/2023

### 3. Get Passenger list between ages

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### RAILWAY RESERVATION SYSTEM

#### Get Passenger list between ages

Enter Minimum age

20

Enter Maximum age

40

Submit

Type here to search

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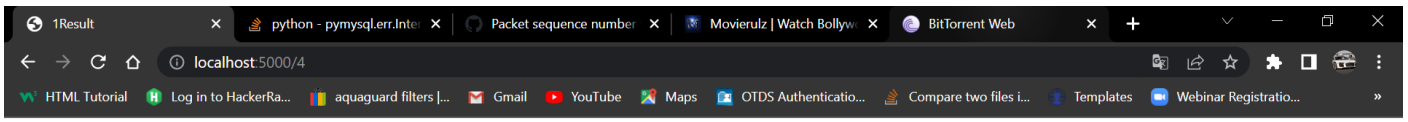
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localhost:5000/3HTML TutorialLog in to HackerRa...aquaguard filters [...]GmailYouTubeMapsOTDS Authenticatio...Compare two files i...TemplatesWebinar Registratio...

### RAILWAY RESERVATION SYSTEM

TRAIN NAME	TRAIN NUMBER	SOURCE	DESTINATION	NAME	ADDRESS	CATEGORY	STATUS
Metro	002	Los Angeles	San Francisco	John Doe	123 Main St	general	confirmed
Shinkansen	003	Tokyo	Osaka	Bob Smith	789 Oak St	general	confirmed
Shinkansen	003	Tokyo	Osaka	David Wilson	876 Walnut Dr	general	waitlist
TGV	004	Paris	Marseille	David Wilson	876 Walnut Dr	general	waitlist

## 4. Get Passenger count For all trains

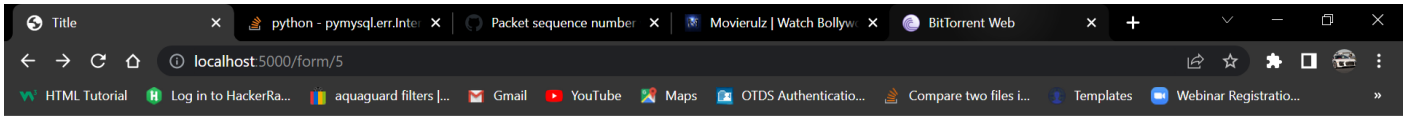


## RAILWAY RESERVATION SYSTEM

TRAIN NAME	COUNT
Eurostar	0
Express	0
ICE	1
Intercity	0
Metro	1
Shinkansen	2
TGV	2



## 5. Retrieve all passengers of a train



## RAILWAY RESERVATION SYSTEM

### Retrieve all passengers of a train

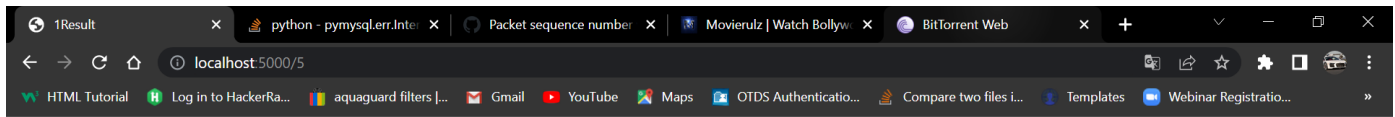
Select a train

Shinkansen

▼

Submit





FIRST NAME	LAST NAME	ADDRESS	CATEGORY
Bob	Smith	789 Oak St	general



## 6. cancelling ticket to get waiting list person confirmed

Readme.pdf

Title

+

localhost:5000/form/6

RAILWAY RESERVATION SYSTEM

Cancelling ticket to get waiting list person confirmed

Passenger\_ssn

250951162

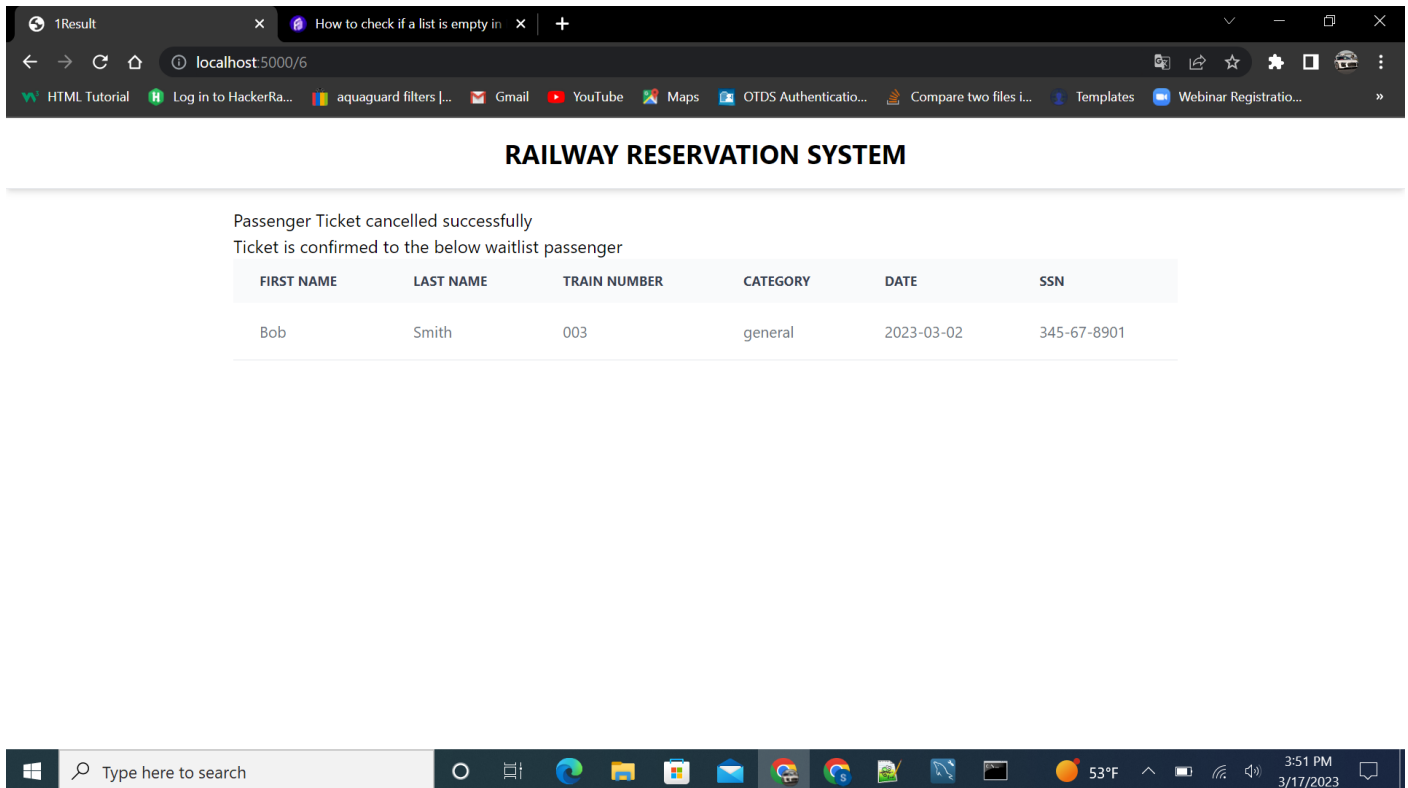
Train number

002

Submit







## Team Contribution

Yashwanth Goud:

1. Developed Frontend GUI index page.
2. Applied css to the GUI page.
3. Contributed to backed query tasks 1,2,3.
4. Designed ER diagram

Sai Venkat Reddy:

1. Developed GUI forms for each task.
2. Contributed to backend query tasks 4,5,6.
3. Pulled railway reservation data to AWS cloud MYSQL database.
4. Contributed to writing Submission.docx and Report.docx.

## ER Diagram

