DBMS Lab 10
Connecting a Python Application to a MySQL Database

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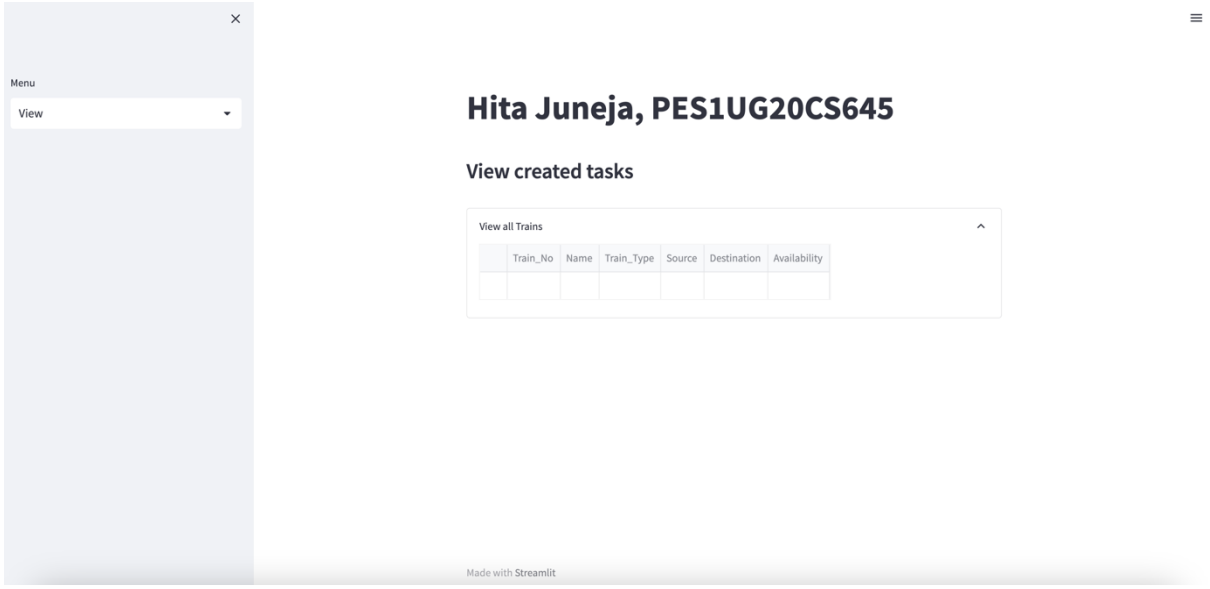
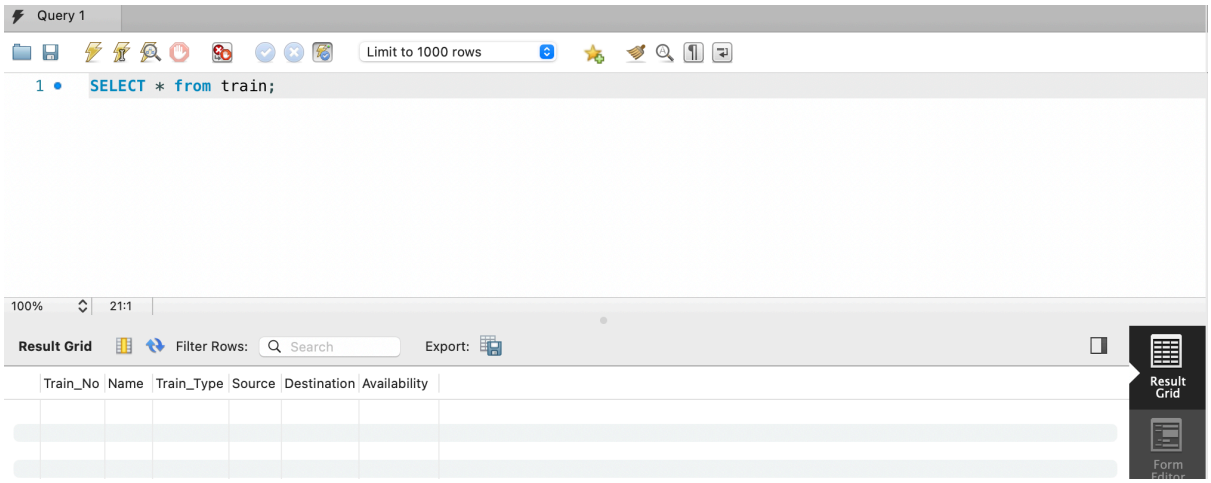
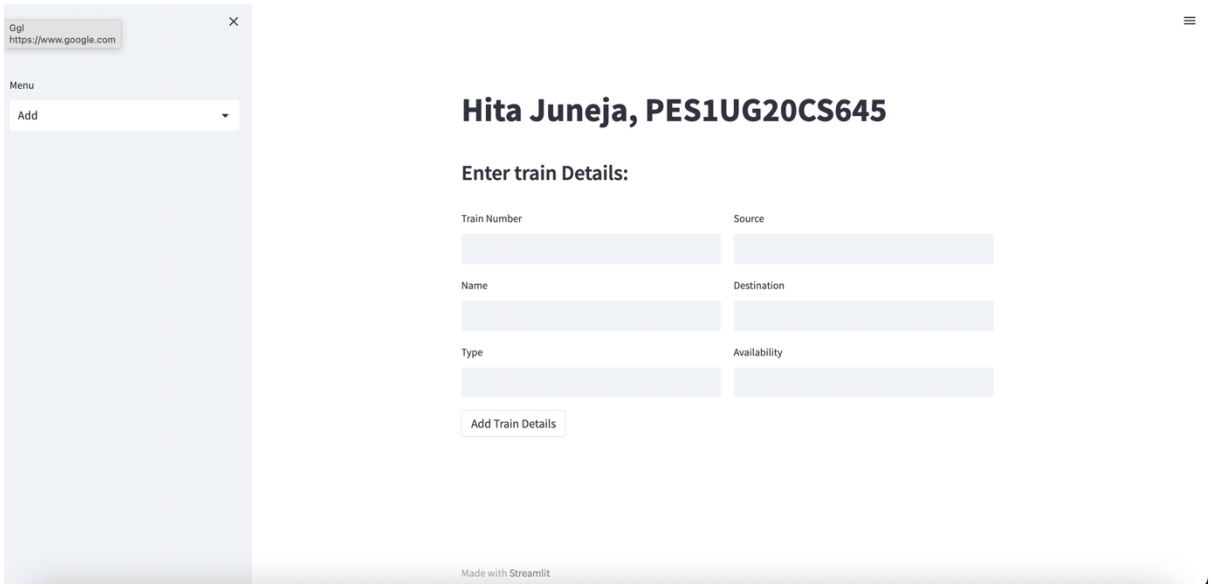
1. Screenshot of database with the table - 'train' before populating it.





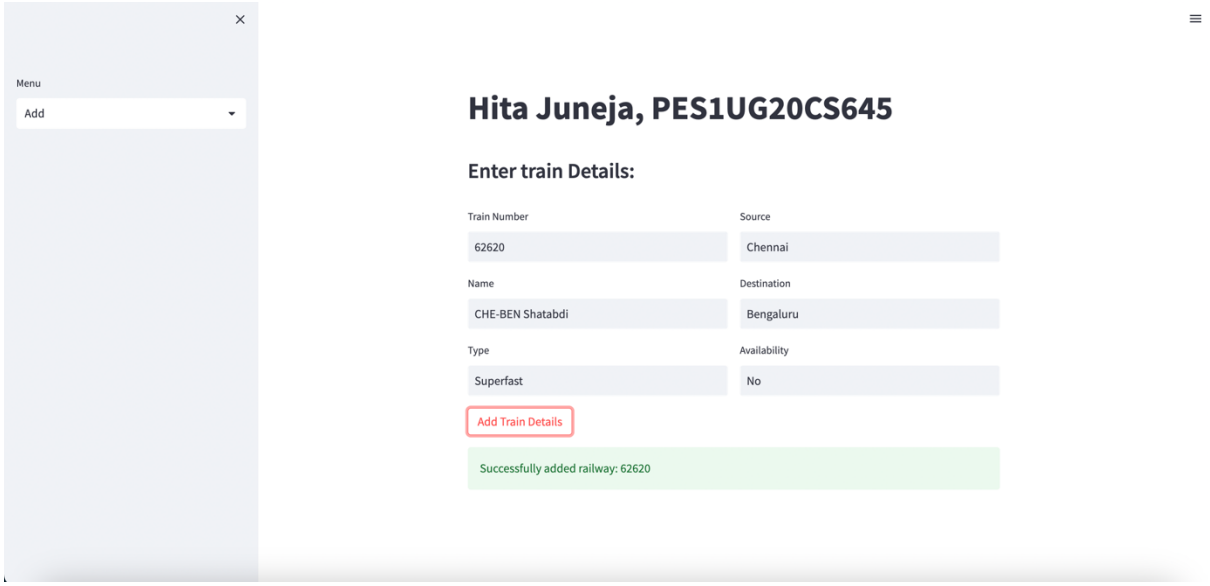
2. Screenshot of the User Interface.

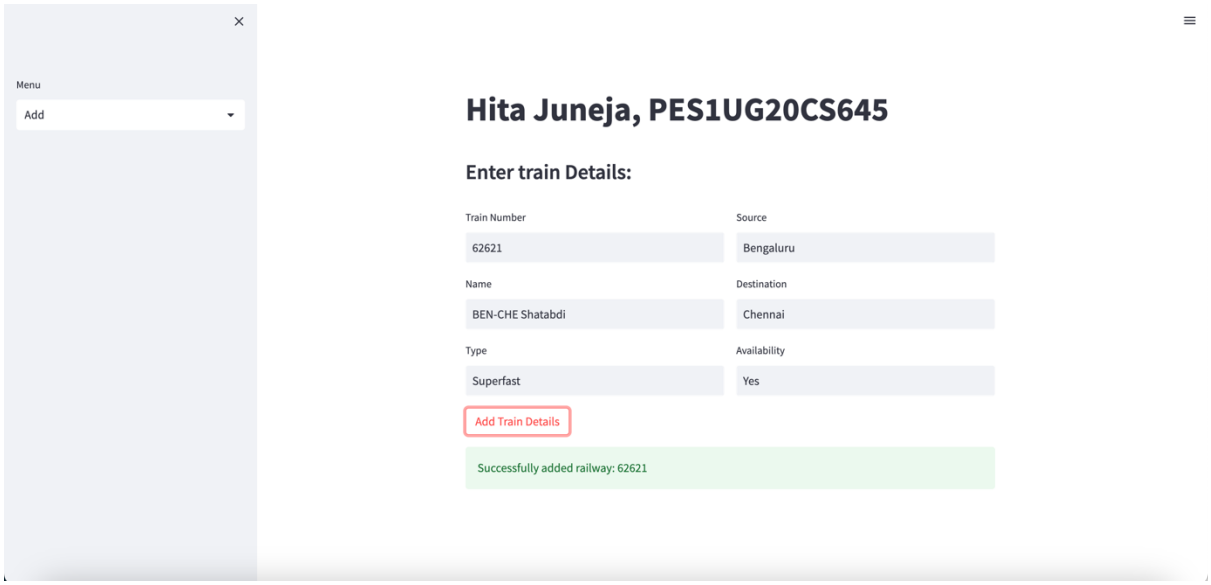


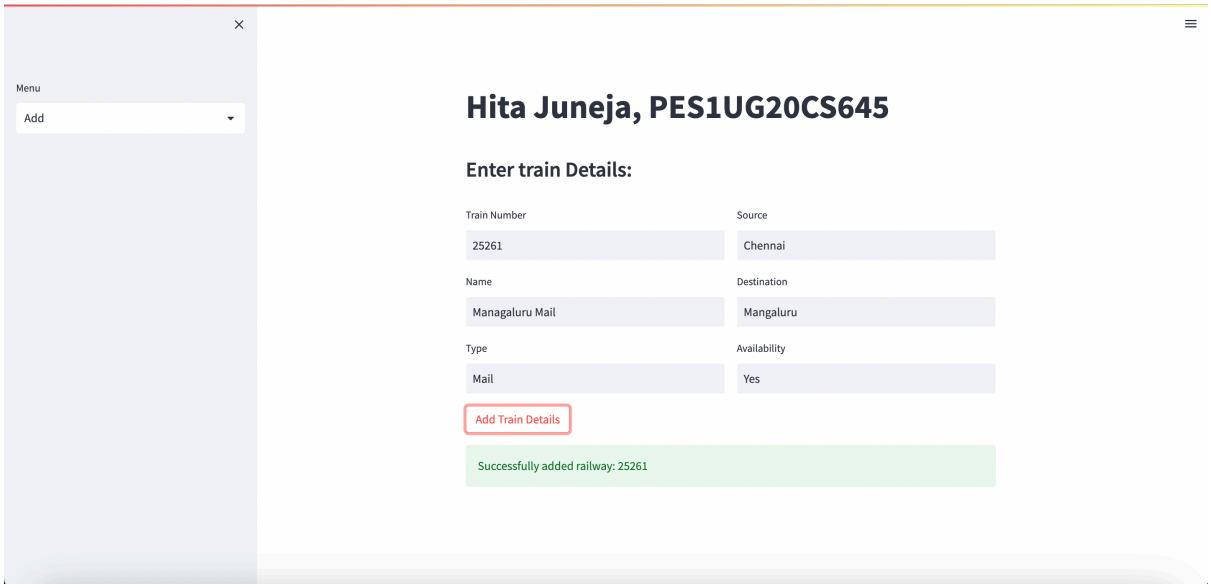
3. Screenshot of the 3 records in the train table from MySQL WorkBench.

Creation

Interface







Terminal

```
mysql> select * from train;
+----------+------------------+------------+-----------+-------------+--------------+
| Train_No | Name             | Train_Type | Source    | Destination | Availability |
+----------+------------------+------------+-----------+-------------+--------------+
| 25261    | Managaluru Mail  | Mail       | Chennai   | Mangaluru   | Yes          |
| 62620    | CHE-BEN Shatabdi | Superfast  | Chennai   | Bengaluru   | No           |
| 62621    | BEN-CHE Shatabdi | Superfast  | Bengaluru | Chennai     | Yes          |
+----------+------------------+------------+-----------+-------------+--------------+
3 rows in set (0.01 sec)
```

Workbench

```
1 •  SELECT * from train;
```

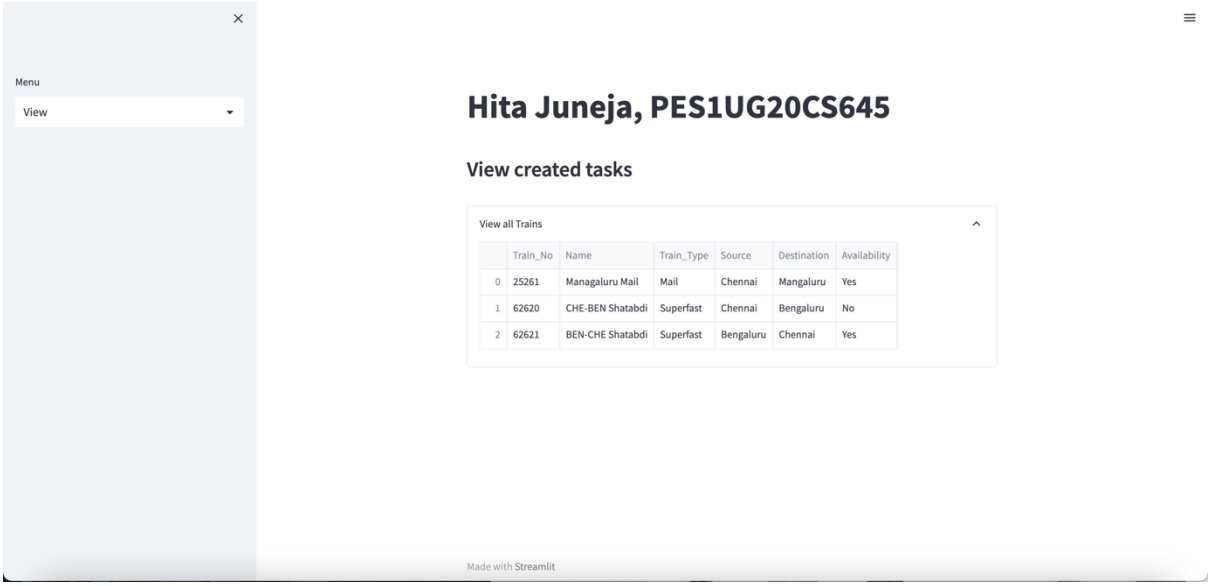
100% 14:1

Result Grid Filter Rows: Search Export:

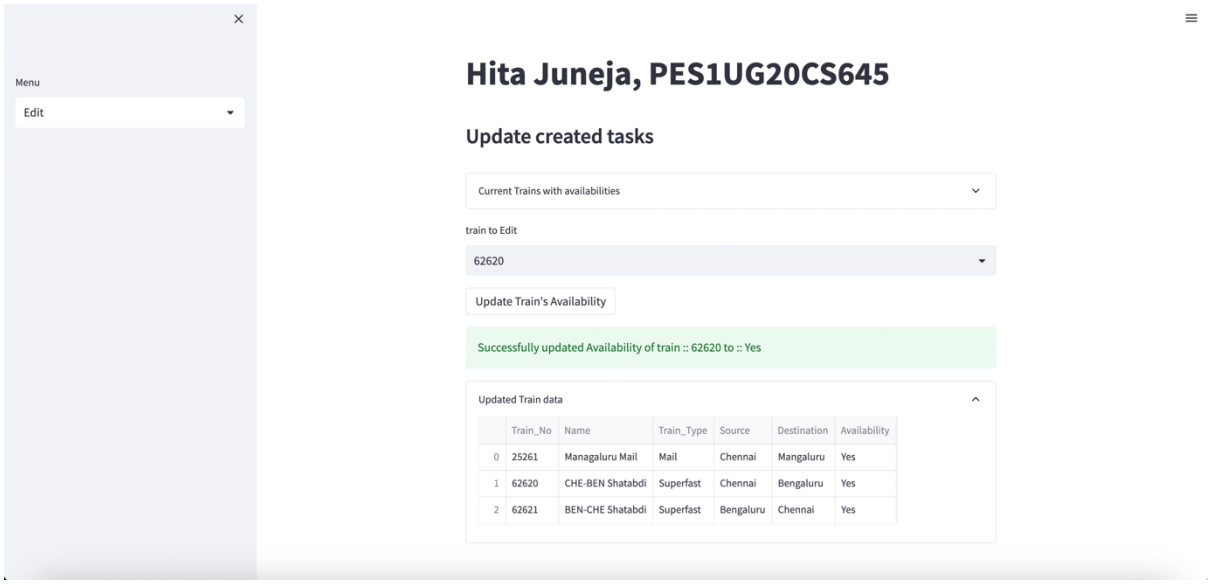
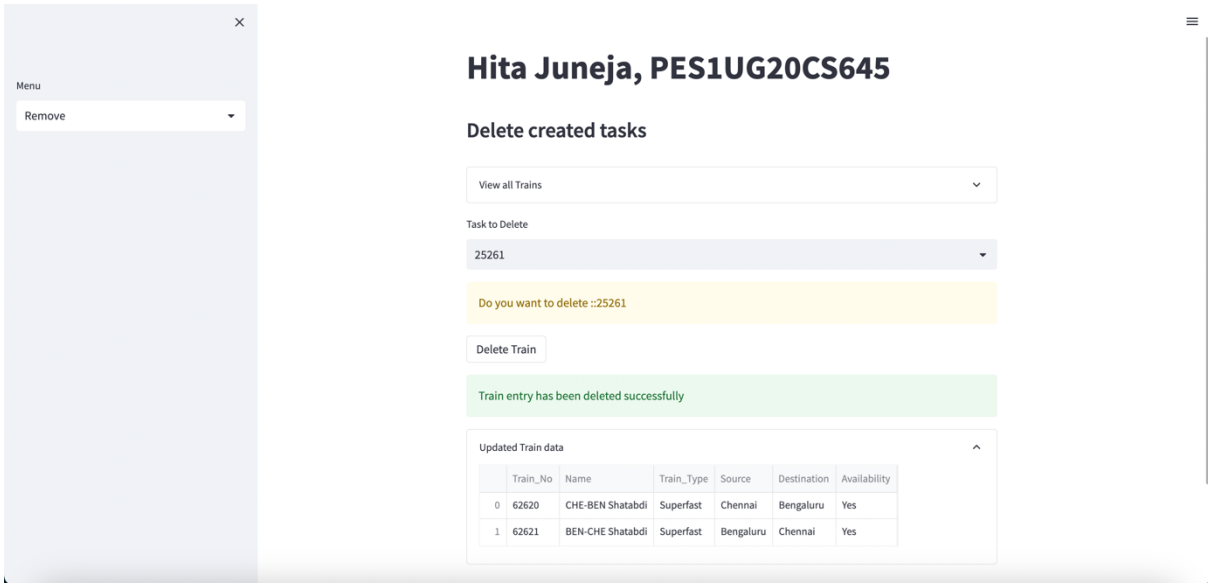
Train_No	Name	Train_Type	Source	Destination	Availability
25261	Managaluru Mail	Mail	Chennai	Mangaluru	Yes
62620	CHE-BEN Shatabdi	Fast	Chennai	Bengaluru	No
62621	BEN-CHE Shatabdi	Superfast	Bengaluru	Chennai	Yes

Result Grid

4. Screenshot of the same 3 records visualized in the User Interface.



5. Screenshot of Updated Train_No 62620 in the User-Interface.



6. Screenshot of User-Interface after the Train_No 25261 has been deleted.