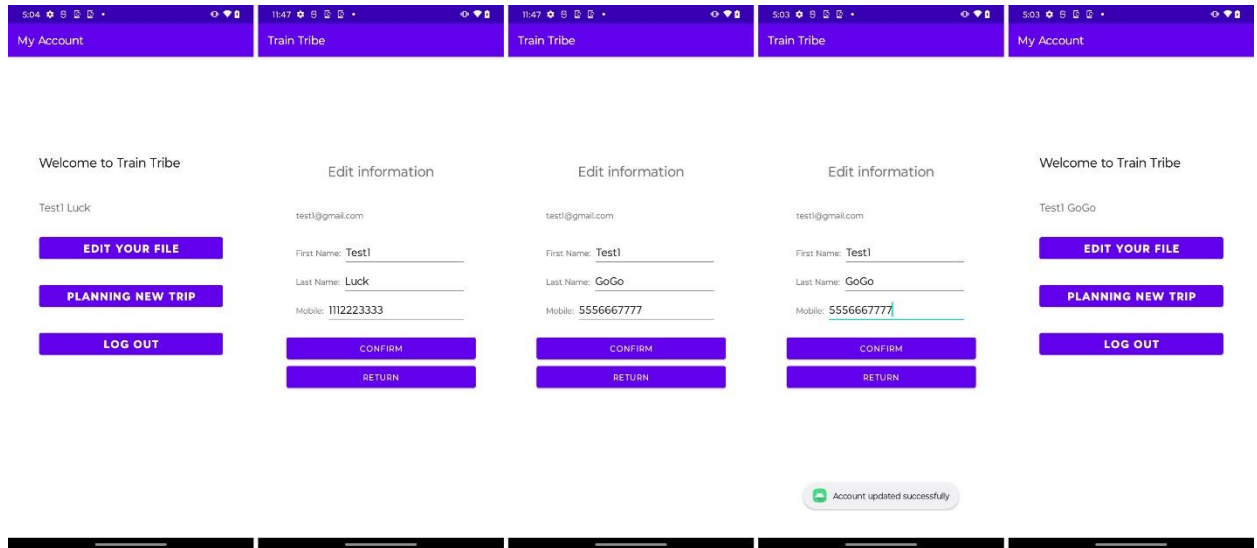


# Project Deliverable3 Details

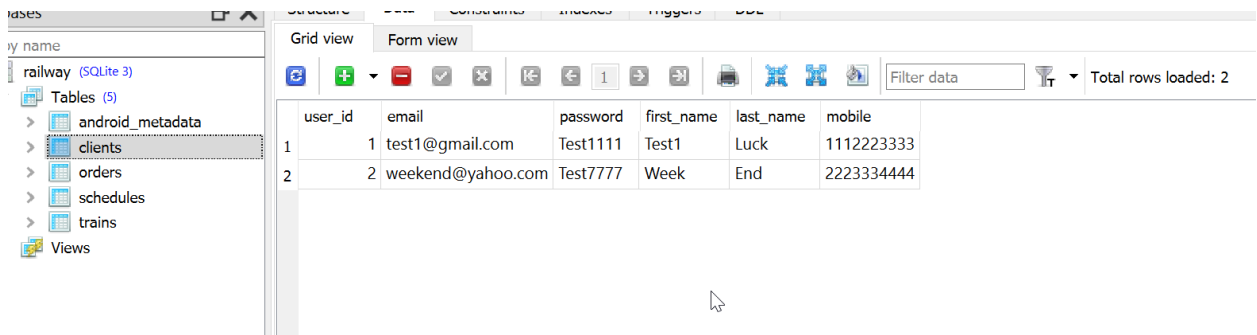
Heping Song

This file is more focusing on what I have done for Deliverable3.

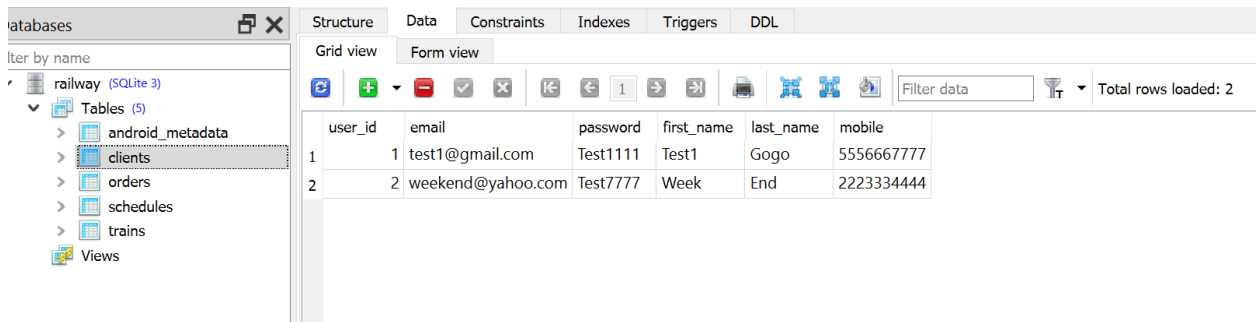
## 1. Edit User information



“Edit Your File”, “Confirm”, “Return”



Before edit user info



After edit user info

## 2. Check train schedule

11:47

Search Page

4:31

Train Tribe

4:41

Train Tribe

Leaving from:

Enter the name of the city or station

Departure Date:

2023-05-06

Going to:

Enter the name of the city or station

SEARCH

RETURN

Search results

Economy Price: \$80.00  
Economy Availability: 77  
Business Availability: 30

Train Num: 789

Departure: Toronto  
Arrival: Ottawa  
Departure Date: 2023-05-08  
Departure Time: 09:00  
Duration: 3 hrs 0 m  
Economy Price: \$80.00  
Business Price: \$160.00  
Economy Availability: 57  
Business Availability: 40

Train Num: 789

Departure: Toronto  
Arrival: Ottawa  
Departure Date: 2023-05-09  
Departure Time: 09:00  
Duration: 3 hrs 0 m  
Economy Price: \$80.00  
Business Price: \$160.00  
Economy Availability: 38  
Business Availability: 19

Train Num: 456

Departure: Vancouver  
Arrival: Calgary  
Departure Date: 2023-05-07  
Arrival Date: 10:00  
Duration: 5 hrs 0 m  
Economy Price: 75.0  
Business Price: 150.0  
Economy Availability: 77  
Business Availability: 30

Enter the number of economy tickets you want

Enter the number of business tickets you want

CONFIRM BOOKING

RETURN TO SEARCH

RETURN BUTTON

“Search Button”, “Schedule List” Click, “Confirm Booking”

## 3. Book train ticket

4:15

Train Tribe

4:15

Train Tribe

5:24

Train Tribe

4:41

Train Tribe

4:41

Train Tribe

Train Num: 789

Departure: Toronto  
Arrival: Ottawa  
Departure Date: 2023-05-09  
Arrival Date: 09:00  
Duration: 3 hrs 0 m  
Economy Price: 80.0  
Business Price: 160.0  
Economy Availability: 40  
Business Availability: 20

Enter the number of economy tickets you want

Enter the number of business tickets you want

CONFIRM BOOKING

RETURN TO SEARCH

Train Num: 789

Departure: Toronto  
Arrival: Ottawa  
Departure Date: 2023-05-09  
Arrival Date: 09:00  
Duration: 3 hrs 0 m  
Economy Price: 80.0  
Business Price: 160.0  
Economy Availability: 40  
Business Availability: 20

1

CONFIRM BOOKING

RETURN TO SEARCH

Train Num: 789

Departure: Toronto  
Arrival: Ottawa  
Departure Date: 2023-05-09  
Arrival Date: 09:00  
Duration: 3 hrs 0 m  
Economy Price: 80.0  
Business Price: 160.0  
Economy Availability: 38  
Business Availability: 19

8888

CONFIRM BOOKING

RETURN TO SEARCH

Train Num: 456

Departure: Vancouver  
Arrival: Calgary  
Departure Date: 2023-05-07  
Arrival Date: 10:00  
Duration: 5 hrs 0 m  
Economy Price: 75.0  
Business Price: 150.0  
Economy Availability: 77  
Business Availability: 30

7

CONFIRM BOOKING

RETURN TO SEARCH

Train Num: 456

Departure: Vancouver  
Arrival: Calgary  
Departure Date: 2023-05-07  
Arrival Date: 10:00  
Duration: 5 hrs 0 m  
Economy Price: 75.0  
Business Price: 150.0  
Economy Availability: 70  
Business Availability: 30

Order confirmed, you have ordered 7 eco tickets and 0 busi tickets.

Total billing: \$525.0

CONFIRM BOOKING

RETURN TO SEARCH

Booking confirmed

There are some conditions for the ticket number input; and the ticket availability would be updated after the order have been confirmed; user would get notification about the order confirmation and order information.

Database Structure View Tools Help

Databases

filter by name

railway (SQLite 3)

Tables (5)

- android\_metadata
- clients
- orders
- schedules
- trains

Views

Structure Data Constraints Indexes Triggers DDL

Grid view Form view

Filter data Total rows loaded: 8

| orderId | user_id           | trainNum | scheduleID | ecoNumbe | busiNumbe | totalPrice |
|---------|-------------------|----------|------------|----------|-----------|------------|
| 1       | test1@gmail.com   | 789      | 5          | 2        | 1         | 320        |
| 2       | test1@gmail.com   | 123      | 2          | 5        | 0         | 250        |
| 3       | weekend@yahoo.com | 789      | 4          | 3        | 0         | 240        |
| 4       | weekend@yahoo.com | 456      | 3          | 3        | 0         | 225        |
| 5       | weekend@yahoo.com | 123      | 1          | 6        | 0         | 300        |
| 6       | weekend@yahoo.com | 123      | 1          | 6        | 0         | 300        |
| 7       | weekend@yahoo.com | 456      | 3          | 7        | 0         | 525        |
| 8       | test1@gmail.com   | 789      | 4          | 0        | 3         | 480        |

Order table would be generated accordingly as well

#### 4. Other tables sample data

Databases

filter by name

railway (SQLite 3)

Tables (5)

- android\_metadata
- clients
- orders
- schedules
- trains

Views

Structure Data Constraints Indexes Triggers DDL

Grid view Form view

Filter data Total r

|   | trainNumber | sourceStation | destinationStation | economyPrice | businessPrice |
|---|-------------|---------------|--------------------|--------------|---------------|
| 1 | 123         | Toronto       | Montreal           | 50           | 100           |
| 2 | 456         | Vancouver     | Calgary            | 75           | 150           |
| 3 | 789         | Toronto       | Ottawa             | 80           | 160           |

Train Table

Databases

filter by name

railway (SQLite 3)

Tables (5)

- android\_metadata
- clients
- orders
- schedules
- trains

Views

Structure Data Constraints Indexes Triggers DDL

Grid view Form view

Filter data Total row

|   | scheduleID | trainNum | departureDa | departureT | arrivalDate | arrivalTime | ecoAvailab | busiAvailat | duration  |
|---|------------|----------|-------------|------------|-------------|-------------|------------|-------------|-----------|
| 1 | 1          | 123      | 2023-05-06  | 08:00      | 2023-05-06  | 16:00       | 88         | 50          | 8 hrs 0 m |
| 2 | 2          | 123      | 2023-05-07  | 08:00      | 2023-05-07  | 16:00       | 45         | 20          | 8 hrs 0 m |
| 3 | 3          | 456      | 2023-05-07  | 10:00      | 2023-05-07  | 15:00       | 70         | 30          | 5 hrs 0 m |
| 4 | 4          | 789      | 2023-05-08  | 09:00      | 2023-05-08  | 12:00       | 57         | 37          | 3 hrs 0 m |
| 5 | 5          | 789      | 2023-05-09  | 09:00      | 2023-05-09  | 12:00       | 38         | 19          | 3 hrs 0 m |

Schedule table would be updated accordingly after the new order changed the ticket availability