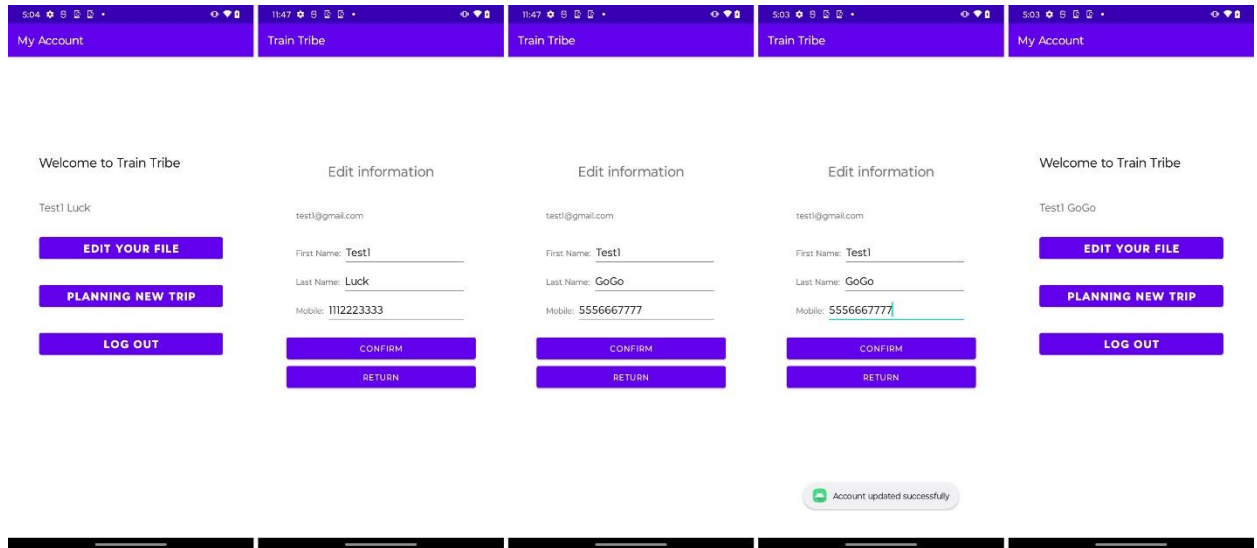


# Project Deliverable3 Details

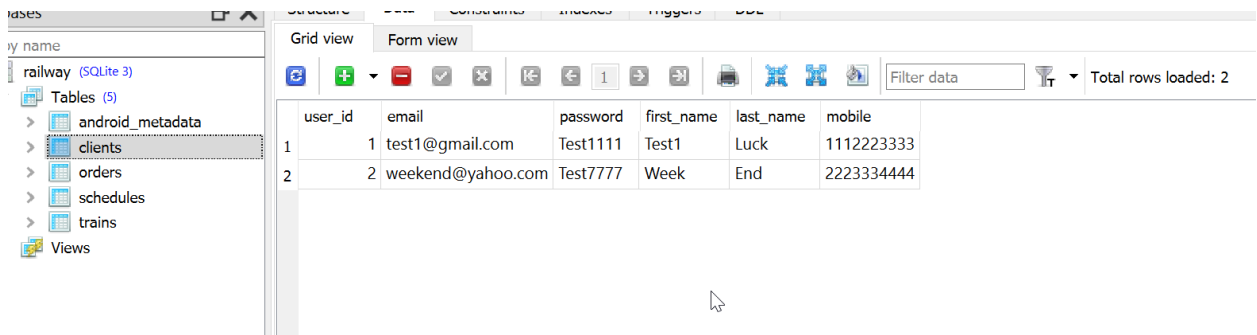
Heping Song

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

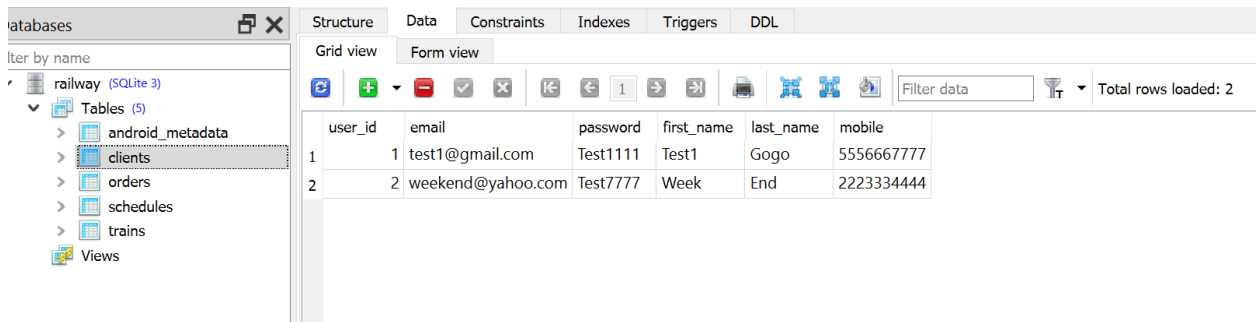
## 1. Edit User information



“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

9:24

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

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: 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.