*C:\Users\HP\Desktop\Untitled Diagram (1).png*Share & Go

*Done By:*

*Ivanov, Petar*

*Naous, Houssam*

## Some Notes

- A car can only accommodate the driver & 4 passengers.

- A user is not allowed to create trips in the past nor on the current day. A user can only create a trip starting tomorrow or after.

- A banned user cannot do anything with the system. (No creation/update/deletion of any sort)

- Under every comboBox selector is a “Confirm Change” button to confirm this change in value. This is used to bypass the onView() feature which was not working in action gui.

- We delegate the restrictions on what information the user can see to the security policy. This means that information that a user is not allowed to view will be blacked out with stars ‘\*\*\*\*’. However these restricted entries will show in their corresponsing tables.

- The system has only 1 predefined admin. (We do not allow the creation of new admins)

## Starting the Application

After starting the application, please make sure that any db with the name ‘shareandgo’ is cleared and recreated as in the db.sql file. (This file is generated by the shareandgo-vm subproject)

We have also added an **init** button in the Login Page to populate the database with some users, an admin, and some zones and locations. The following graphics can help you visualize those:

### Locations & Zones

C:\Users\HP\Desktop\Untitled Diagram.png

### Users

C:\Users\HP\Desktop\Users (1).png

## Some Test Cases

### Case 1 (To Join or not to Join)

Login with Houssam . username : hnaous. password: 123

Houssam creates 3 trips; 1st passing through only Central, 2nd passing only through Honggerberg. and 3rd passing through Central and Honggerberg.

Login with Petar. username: pivanov. password: 123 and go to ‘View Trips’

**Results**

Petar can see and join the first trip successfully.

Petar cannot see the 2nd Trip (only through Honggerberg). justification: normal user cannot see a trip if none of its locations pass through his living zone

Petar cannot see the 3rd trip but not join it. One location passes in his living zone but not ALL.

### Case 2 (Exploring New Locations)

Login with Houssam. Houssam Cannot create a Trip with location ‘BaselLoc’ from ‘Basel’. Unseen before and does not belong to his living zone

Login with Random User. username : random. pass: random

Create two trips; 1st passing through BaselLoc. and 2nd passing through BaselLoc and Central.

Login again with Houssam. Now since Houssam is a premium user, he can see the 1st trip but not join it (none of its locations pass through his zone). Also he can see the 2nd trip and join it (1 location passes through his zone and he is premium)

**Results**

*[Now Houssam is considered to have ‘visited’ BaselLoc. Our system assumes that in this development stage in order to make testing easier for you and not have to change the time of the application. Otherwise we could modify the code as mentioned in the comments in secmodel.stm ]*

Houssam can create a Trip with the Location **BaselLoc** now since it is considered to be **visited**.