The structure of each data base that we use on our project:  
  
**Accounts.db:**  
Will be used to store our users’ data.  
  
Table-**users** Information: users’ data  
1. username text PRIMARY KEY(can’t have duplicates of usernames).  
2. email text PRIMARY KEY (can’t have duplicates of emails).  
3. password text NOT NULL.  
  
  
The following will be present for each vehicle:  
  
**Transport.db:**  
  
Table-**information** Information: the usual course of the vehicle and time to get there  
1. path text NOT NULL (the name of the stop – “Cfar Vradim, Rabin” etc).  
2. delay int NOT NULL (how much time does it take to go from the first station to the current station).  
  
If a bus leaves from Karmiel at 8:00 and it arrives to Cfar-Vradim at 9:00 and to Akko at 9:30,  
the table will look like this:

|  |  |
| --- | --- |
| Path | Delay |
| Karmiel | 0 (mins) |
| Cfar\_Vradim | 60 (mins) |
| Akko | 90 (mins) |

Table-**active** Information: start time and end time of each course  
1. start\_time text NOT NULL(the time which the vehicle starts the “course”).  
2. end\_time text NOT NULL(the time which the vehicle ends the “course”).

example:

|  |  |
| --- | --- |
| Start\_time | End\_time |
| 8:00 | 8:30 |
| 8:35 | 9:05 |

Table-**vehicles** : id of each vehicle and its current stop  
1. id text NOT NULL (id of vehicle – will be given by the server)  
2. next\_stop text NOT NULL (next stop of the vehicle)   
  
  
\*id\*.db: (id – the given id to the vehicle by the server )

Table-**seats** Information: all about the vehicle’s seats  
1. line int (starts at 1 and goes on ).  
2. status text NOT NULL (the status of the whole line).