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-**seats** Information: all about the vehicle’s seats  
1. line int NOT NULL AUTO\_INCREMENT (starts at 1 and goes on ).  
2. status text NOT NULL (the status of the whole line).  
3. parts int NOT NULL (to how many groups the line is divided).  
4. chairs\_per\_part int NOT NULL (how many chairs are there on every part).  
  
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 “cours”).

example:

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