**Modules:**

Login (Email, password, driver or children parent, Arabic and English)

Registration (name, email, number, password, confirm password)   
Forget password (recover by email)

**Login as Children Parent:**

Map Screen (Enter the bus number and then it will show the track of that bus like I video send you) and the bottom show the arrival time of the bus

Login as Driver:

**Main Screen:**

Enter the arrival place and app will show the best route with estimated arrival time. When driver reach at destination it will end the trip and enter the information regarding the trip in the DB time consumed while trip with date and bus number.

Can see his all old trips driving history.

**Functions mentioned on your document**

1. ~~The bus tracking system will have a database that will store all the record of buses. (Firebase) - YES~~
2. ~~The system will have unique identification number for each bus. (Admin will enter or driver will enter while registering the bus) - ADMIN~~
3. ~~The system will have details of each bus along with the time of departure to each campus. (Admin will enter) – YES ADMIN~~
4. The system shall allow user to track any bus through the unique identification number of the bus. (In parent module this will be shown or in both driver and parent portion?) – BOTH (But I will check this)
5. The system shall be able to enable GPS to locate the bus location. (Like video I send you) - YES
6. The system shall be able to handle multiple requests at the same time. (mean that multiple users can request to track the bus) – YES (if possible)
7. The user shall be able to request bus information from the system.
8. ~~The system will have user accounts for each user of the system. (Admin will register the driver or user will be register by own by giving his info). Admin Register Driver. User can register by giving info~~
9. ~~The system allow the user to log in with user name and passwords by mapping it with the database details of the user.~~
10. ~~The user will be able to manage the profile of user.~~
11. The user will be able to request the bus for a particular destination. (elaborate please) – Leave this for now
12. The admin of the system will be able to edit the bus number.
13. ~~The admin will be able to edit users.~~
14. The system will be able to keep record of all the buses.
15. The system will be able to have bus timings for the system. (Old history and new timings) - YES
16. The system will be able to have bus routes for each bus. (like video I send you) - YES
17. The system will be able to display the bus arrival time at each destination.

**Extra Queries:**

**Admin module will be on Android? – Android also (I think it’s easier)**

**Admin will register user and driver (with their bus number) or they register by own by giving their information?**

* **User register on his own….**
* **Driver is registered by Admin**

**Database: Firebase**

**Tool: Android studio**

**Language: Java**

**YES (Android Studio + Java + Firebase)**