App Instructions (rev 1 Nov 25, 2025)
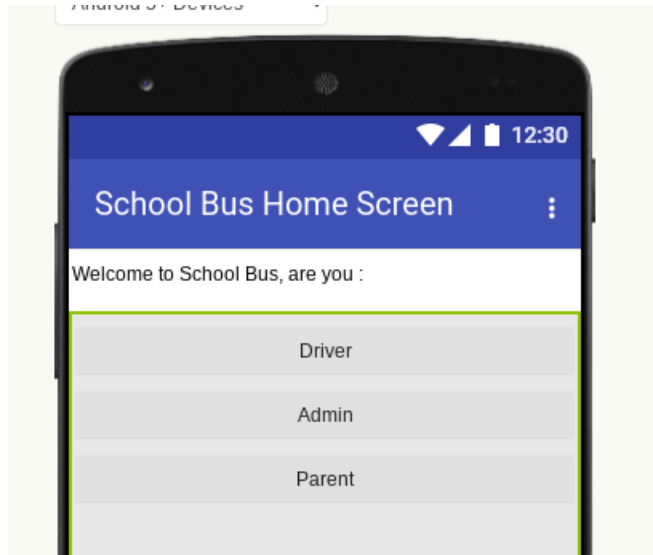
1) Opening Screen
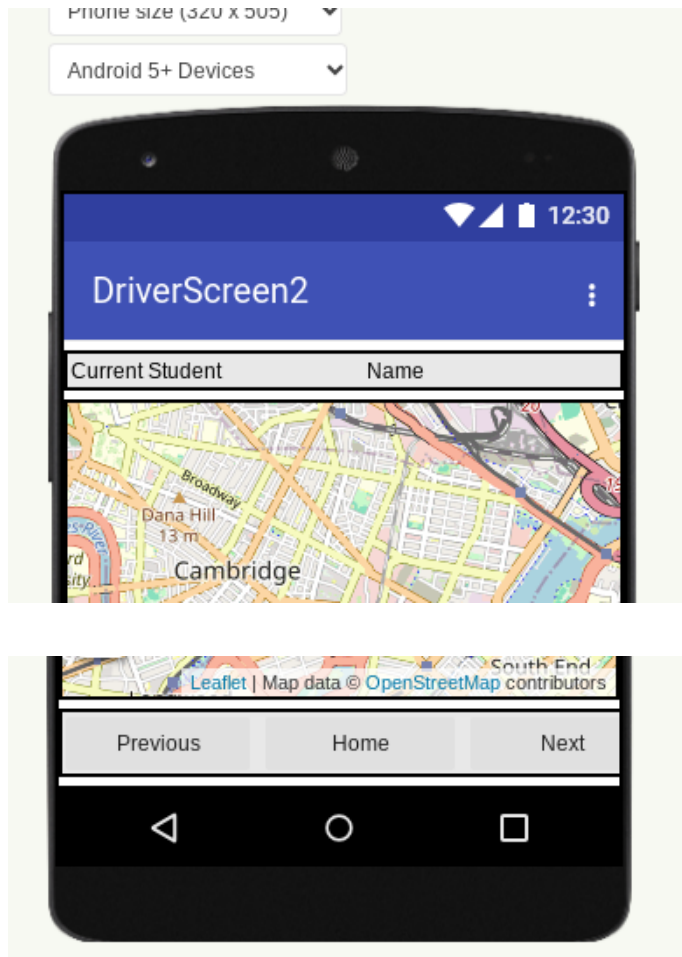

a) This screen is very straight forward. It is ask you whether you are a Driver, Admin or Parent?
b) Once you select it, the app will need you bring you into the correct screen.
c) Note that the app still need to go thru the log in stage. Being the driver is the lowest and admin will need very strong password (will talk about this later). Just get the simple app up and running first.
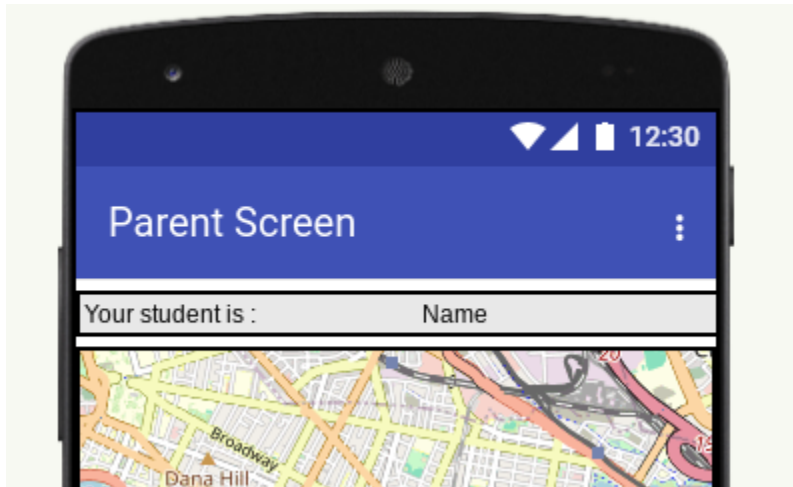
2) Driver Screen 1

a) First button is the starting sharing location button. By default it should be grey in color. But when pressed, it will turn green. And the label wording will change to "Stop sharing location".
b) It will show the driver what is the bus plate he is driving right now. By default, it will show ABC1234 until the admin change it.
c) Then there is be a list of student name shown to the driver, by selecting the student name, the app will bring him into Driver screen 2 screen.
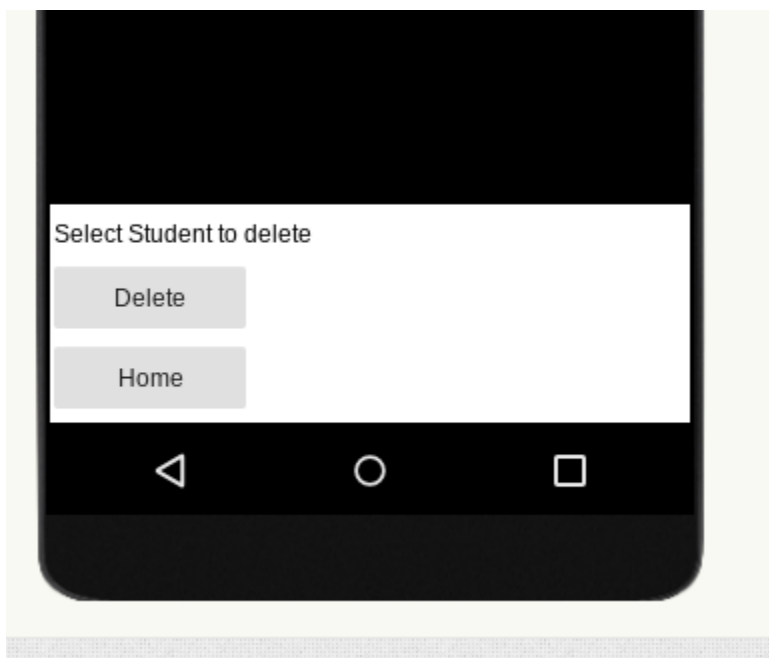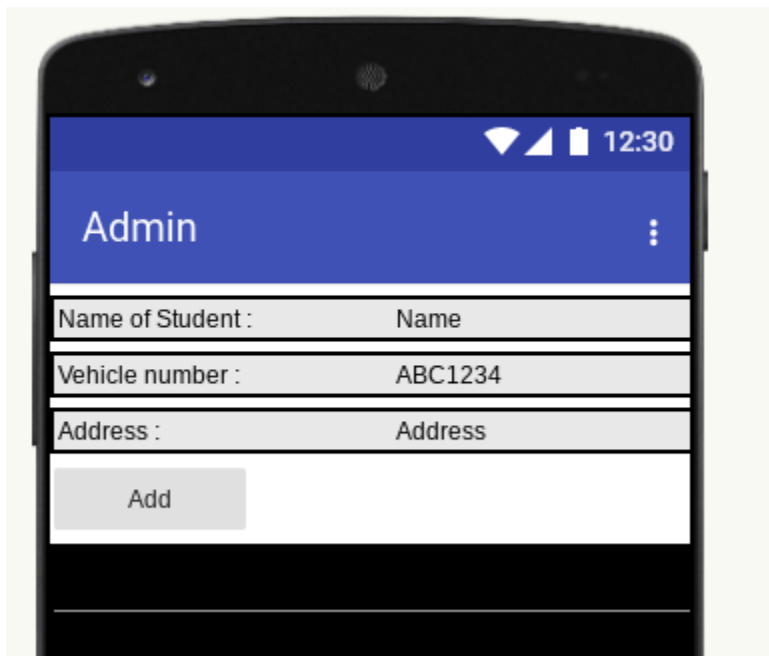d) Lastly the back to home button, it is already self explained.

Driver screen 2

a) From Driver screen 1 if the driver selects a particular student, the app will bring into this screen. It is a Google map navigation screen to show to the driver where to go.Turn right or turn left etc. If can, I don't want the whole screen is Google map. I want to run this within the app. This is because at the bottom of the app still got "next" student or previous student that the driver can choose from.

Parent screen

a) The parent screen is the most straightforward screen for parents. Once logged in, he / she will see the student name and where about the bus now.

b) Please note that each parent will see a different screen, not all the same. It has to be matched with the bus plate number with a student database (firebase involved). Will talk about this in detail later.

Admin Screen

a) Lastly, the admin screen is to get the administrator the ability to add and delete student from the list according to the bus number.

b) I might want to add another functionality where he or she is able to arrange an adhoc list for a particular special day only. Eg : one of the drivers is sick, so he temporarily pulls in

students from other buses etc. (will talk in detail later with the identified designer). Let's get the simple app up and running first.