A photograph of a four-wheeled smart car prototype. The car is black with large, dark tires. On top of the chassis, there is a red printed circuit board (PCB) with various electronic components and a small yellow LED. Two cylindrical sensors are mounted on arms extending from the front of the car. The background shows a window with a view of green trees and a brick building.

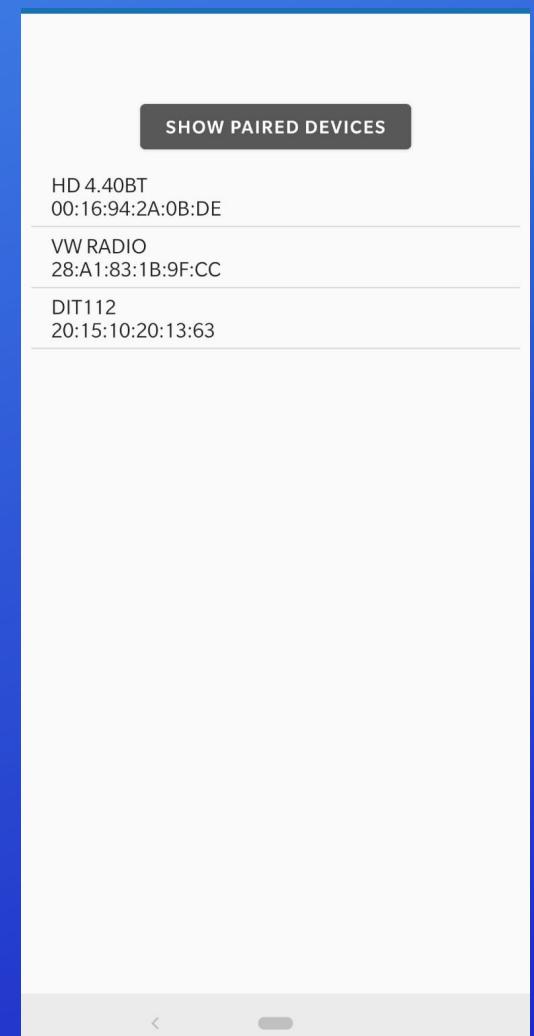
# SMARTCAR MANUAL

GROUP 7

## BLUETOOTH SETUP



1. Press 'CONTINUE'
2. Press 'SHOW PAIRED DEVICES' and select your device



## SETTINGS

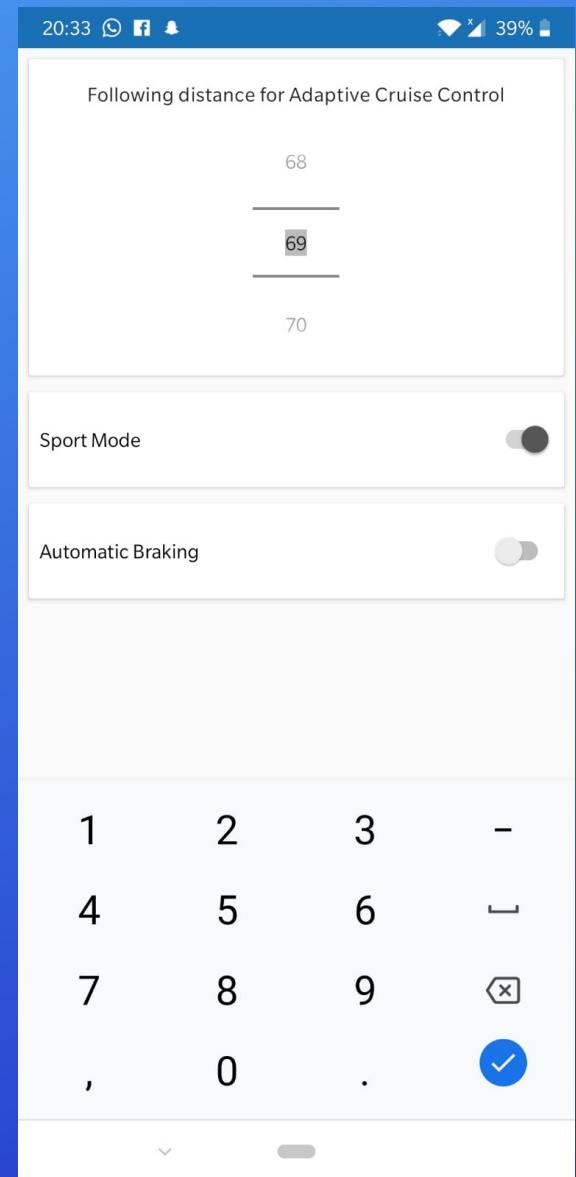
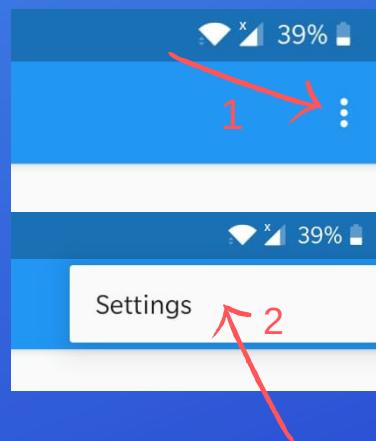
3. Press the dotted icon at the top right corner of the application
4. Select 'Settings'

## OPTIONS

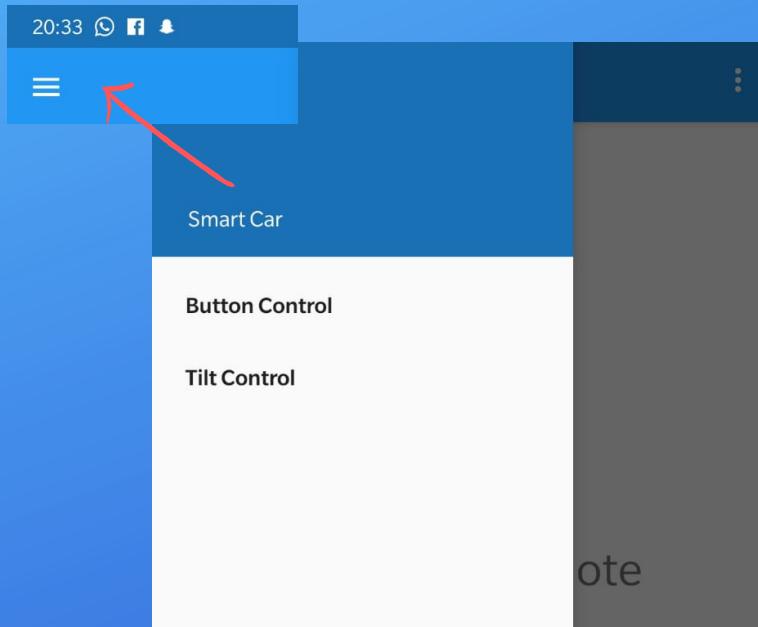
Set the distance for Adaptive Cruise Control by swiping up/down or typing in the number of your choice

Swipe the button to the left/right to turn the Sportmode ON/OFF

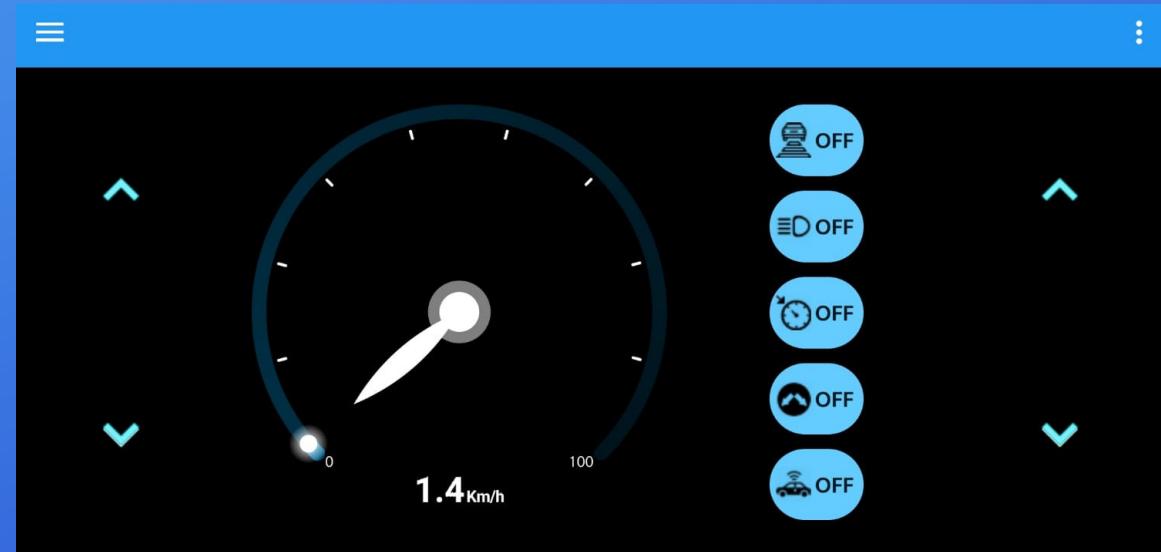
Swipe the button to the left/right to turn the Automatic Braking ON/OFF



# BUTTON CONTROL



5. In the top left corner, select either 'Button Control' or 'Tilt Control'
6. Control the car manually with the use of the buttons

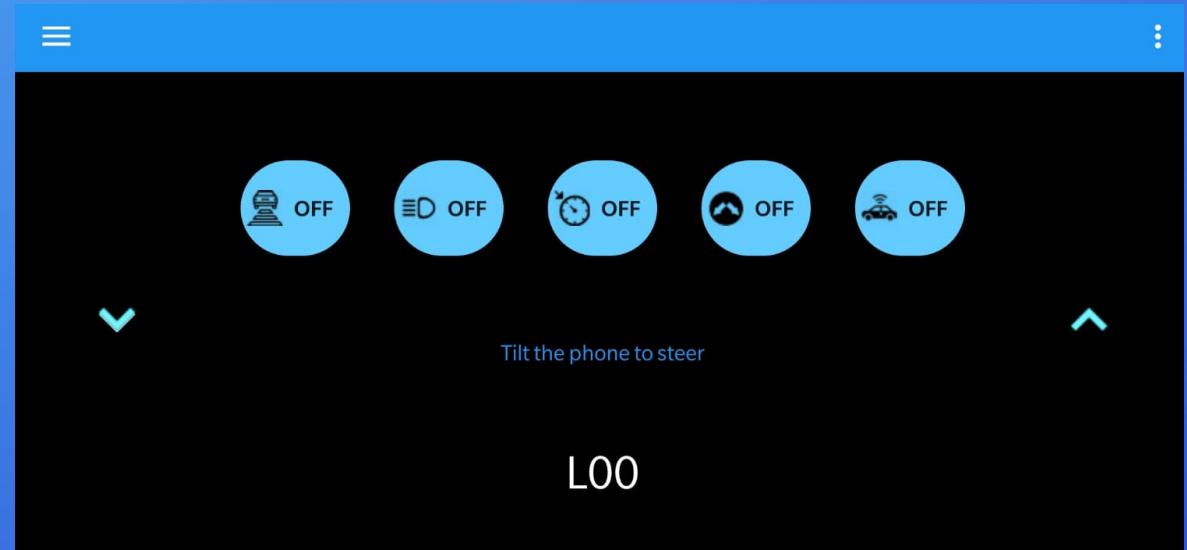


**Press both the front buttons to accelerate forward  
Press the right or left front button to accelerate to either the right or the left respectively**

**Press both the back buttons to reverse backwards  
Press the right or left back button to reverse to either the right or the left respectively**

# TILT CONTROL

7. In the menu tab, select 'Tilt Control'
8. Control the car manually with the use of the tilt function



**Press the left button to reverse**  
**Press the right button to accelerate**  
**Tilt the phone to the left or right in order to turn**

# FUNCTIONALITIES

## 1. ADAPTIVE CRUISE CONTROL

The vehicle will follow another vehicle in front of it at the distance selected in 'Settings' autonomously

## 2. LED LIGHTS

Front and rear lights are switched on

## 3. STATIC CRUISE CONTROL

The vehicle will maintain a set speed

## 4. OBSTACLE MANOEUVRING

The vehicle will manoeuvre around obstacles autonomously

## 5. AUTOPILOT

The vehicle will follow a marked line autonomously

