

ICT 3311: Assignment 3

Robot controlled by Bluetooth.

Instructions.

- This assignment is set for you to self-study and collect material on how to build a robot that is controlled by a mobile phone connected via Bluetooth.
- Note: Please keep the report to **5 pages maximum**.
- Please upload the answers in *PDF format to the google classroom page.

(Q1) Please prepare a **short report** on the design of a mobile robot, controlled by a mobile app connected via Bluetooth. You may use the following as a guide to prepare the report.

- A. List of components required.
- B. Selections of appropriate motors and drivers
- C. Assembly of the components including electrical connectivity.
- D. Setting up Bluetooth connectivity
- E. Coding
- F. Robot Control using an Android App
- G. Testing