Team number: 17

Advanced Linear Control

DIY Arduino Robot Arm with Smartphone Control

1. Team Member
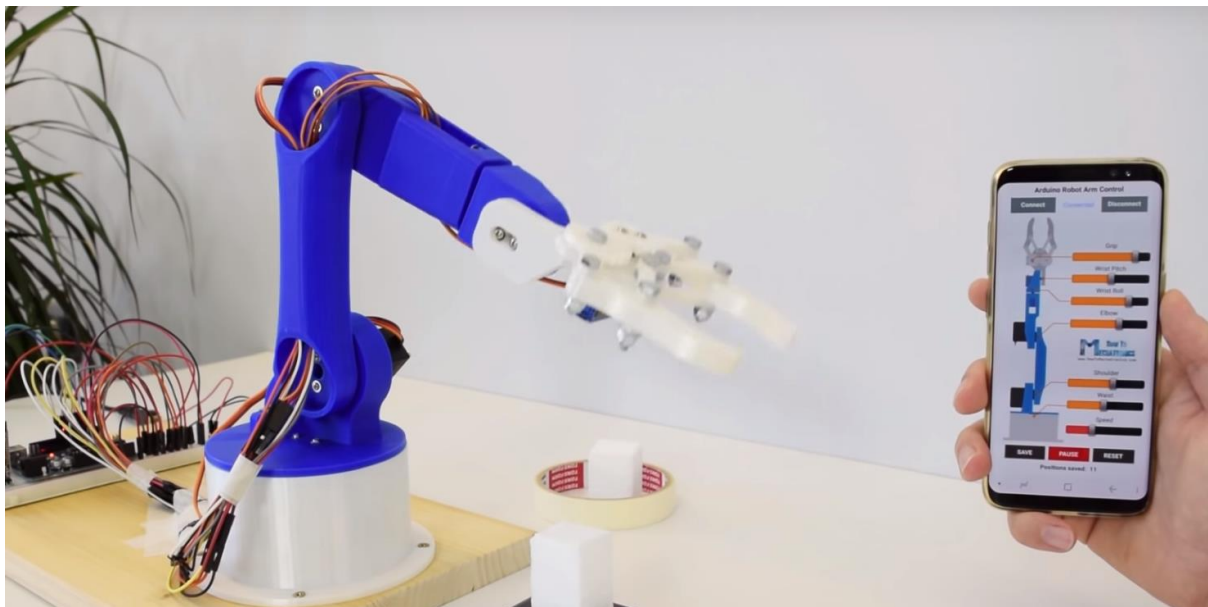
Tran Van Loi – 20165770

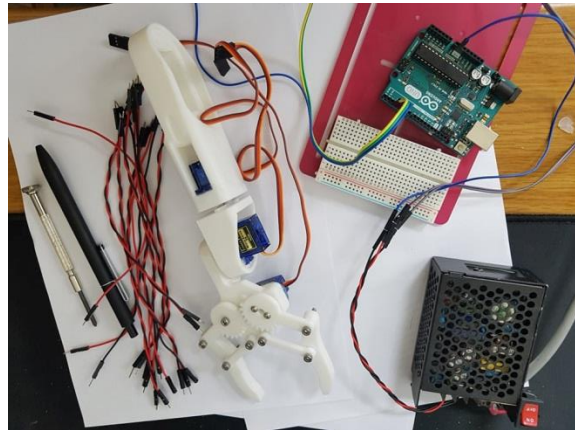Tran Ngoc Giang – 20185732

2. Team Project Proposal

In this project, we will learn and make an Arduino Robot Arm which can be wirelessly controlled and programmed using a custom-built Android application.

(It may not have much related to the content of the course, but we would like to make a real product and control it by the phone.)
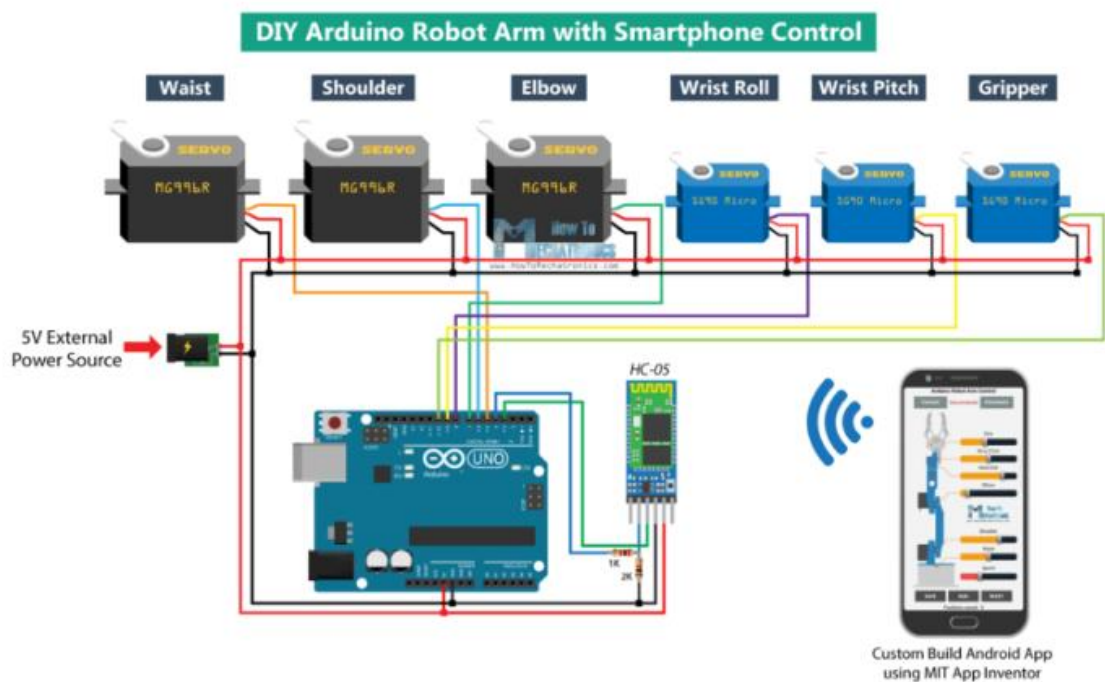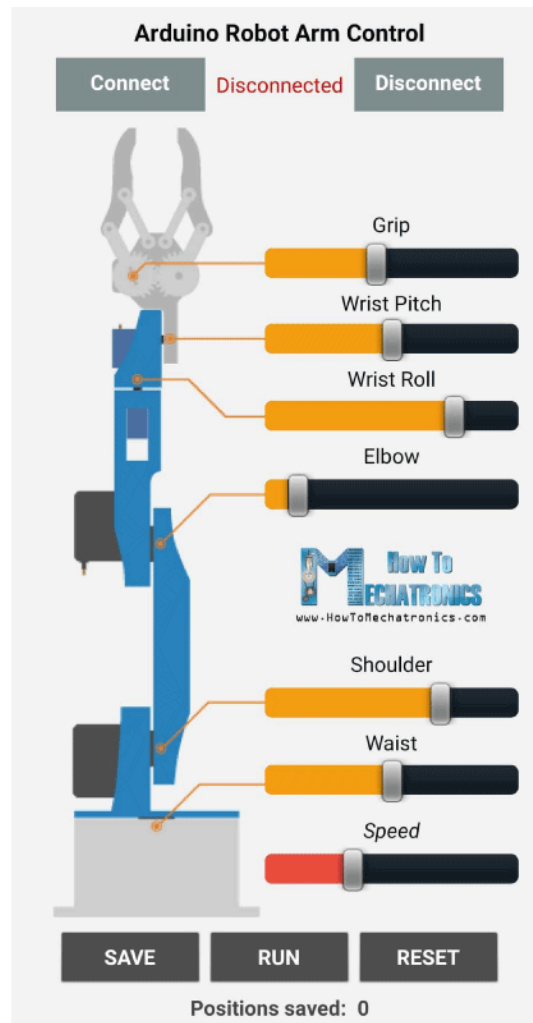
a. 3D Printing and Assembling the Robot Arm

We 3D printed all of the parts for the Arduino robot arm by Sindoh DP200.

b. Arduino Robot Arm Circuit Diagram

c. Arduino Robot Arm Code and Control Android App

3. Reference

https://howtomechatronics.com/tutorials/arduino/diy-arduino-robot-arm-with-smartphone-control/