Abstract
The development of hydroponic and IoT have become two of the popular projects from two different studies: agriculture and technology. This last assignment related to of those projects. We develop a device that monitors, controls and automates device on hydroponics that is connected to the Internet. A lot of things have been experimented and studied for this development of last assignment, such as two sensors that interfere with each together, and thus only one of those two were used for this last assignment. The final result is a device that can monitor, control and automate the job after reading the sensors. The device is already connected with the Internet and can be controlled from the website.

Keywords: IoT, Hydroponics, microcontroller, sensor.