

Name: Nwaocha Bruno Nonso.

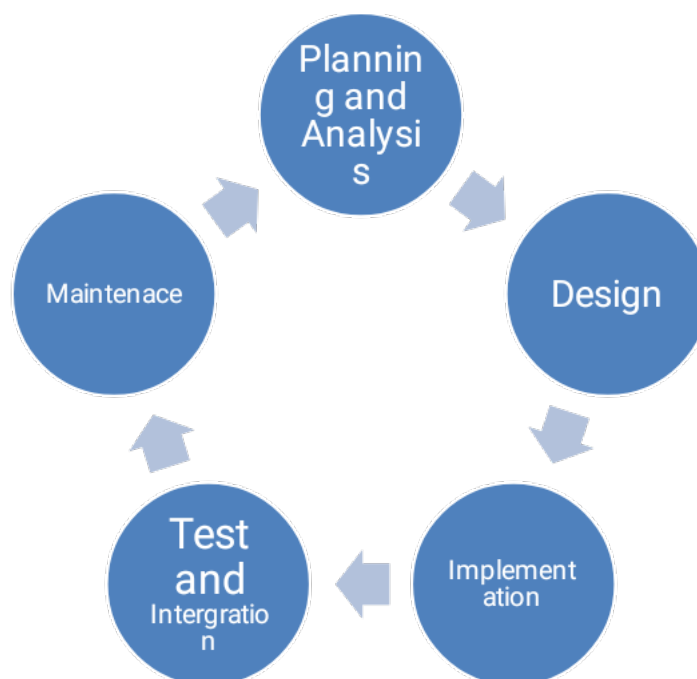
Level: 200Lvl.

Department: Computer Engineering.

### Application Development

Gathering Parts for gathering values to be used in the program like thermometer to measure soil temperature, A scale to measure the current mass of the soil to Determine the moisture content of the soil and an alarm, After which I will write a program to get those values and irrigate the farm based on the values and also trigger an alarm if there is no sufficient water in the tank, After which I will test the program and debug if necessary.

### Software development Life cycle



---

## HARDWARE FEATURES

Thermometer: To measure the temperature of the soil

Alarm: To ring If there is insufficient water in the tank.

Processor: To process the code.

Screen: to display information.

Keyboard: To input the password.