**Design**

**Structural UML diagrams:**

Storing and display output and alerts

Monitoring Phase

Power supply

HC-05 module

Arduino UNO

Temperature and humidity sensor

pH sensor

Moisture sensor

Action taken by user

Speakers

LED Lights

Float sensor

Water supply

**Block diagram for the system**

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**Flow Chart for the system**

**Behavioral UML diagrams:**

**Use Case diagram for taking action by the user**

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**Use Case diagram for Complete Model**