

# FLOOD MONITORING SYSTEM





# Abstract:-

➔ Flooding is a well-known natural calamity that wreaks havoc on the environment and living things. In these circumstances, receiving emergency notifications of water level status along riverbeds in various situations is critical. The goal of this research is to measure the water levels in riverbeds and determine if they are normal or not. To fulfill the requirements must choose suitable software development methodology.

# Hardware Specifications:-

Raspberry Pi 3

Wifi Module

LCD Display

Water Sensor

Rain Drop Sensor

Resistors

Capacitors

Transistors

Cables and Connectors

Diodes

PCB and Breadboards

LED

Transformer/Adapter

Push Buttons

Switch

IC

IC Sockets

# Software Specifications:-

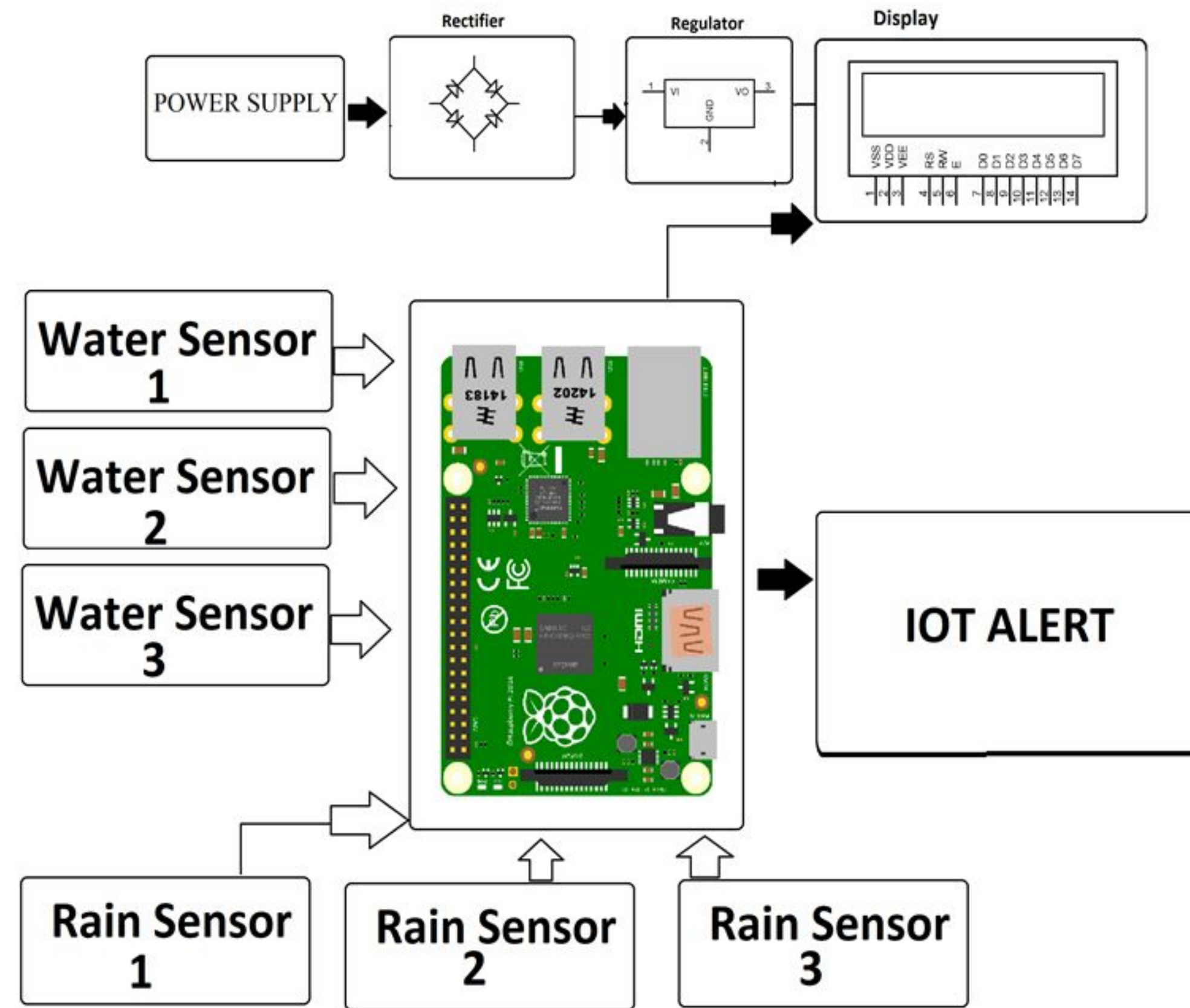
→ Linux

→ Python

→ IOT Gecko



# Block Diagram:-



# Structural diagram:-

