FLOOD MONITORING AND EARLY WARNING SYSTEM

Phase 4 : Development Part -2

INTRODUCTION
PHASE 2 : DEVELOPMENT PART - 2

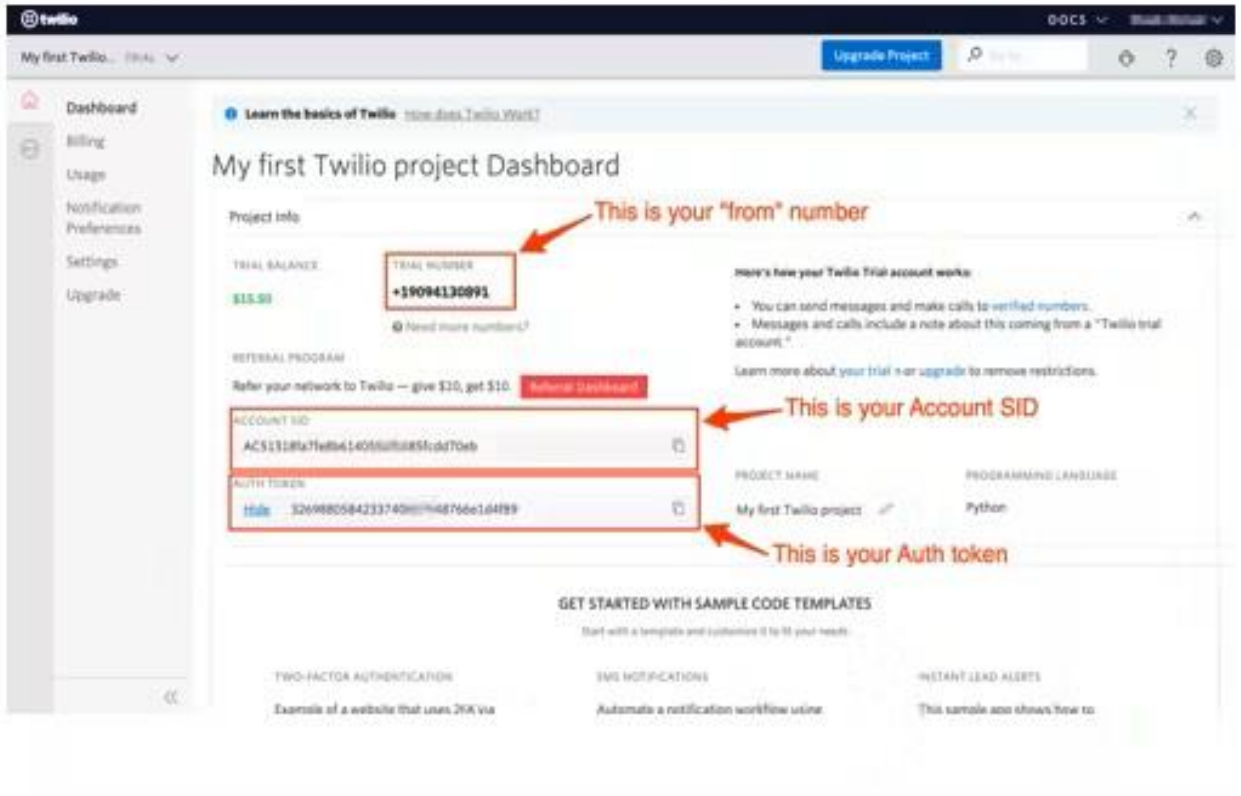
- In this part you will continue building your project.
- Continue building the project by developing the flood monitoring and early warning system information platform.
- Use web development technologies (e.g., HTML, CSS, JavaScript) to create a platform that displays real-time water level data and flood warnings.
- Design a platform to receive and display water level data from IOT sensors and issue flood warnings when necessary.

Web Platform to Display Real Time Data

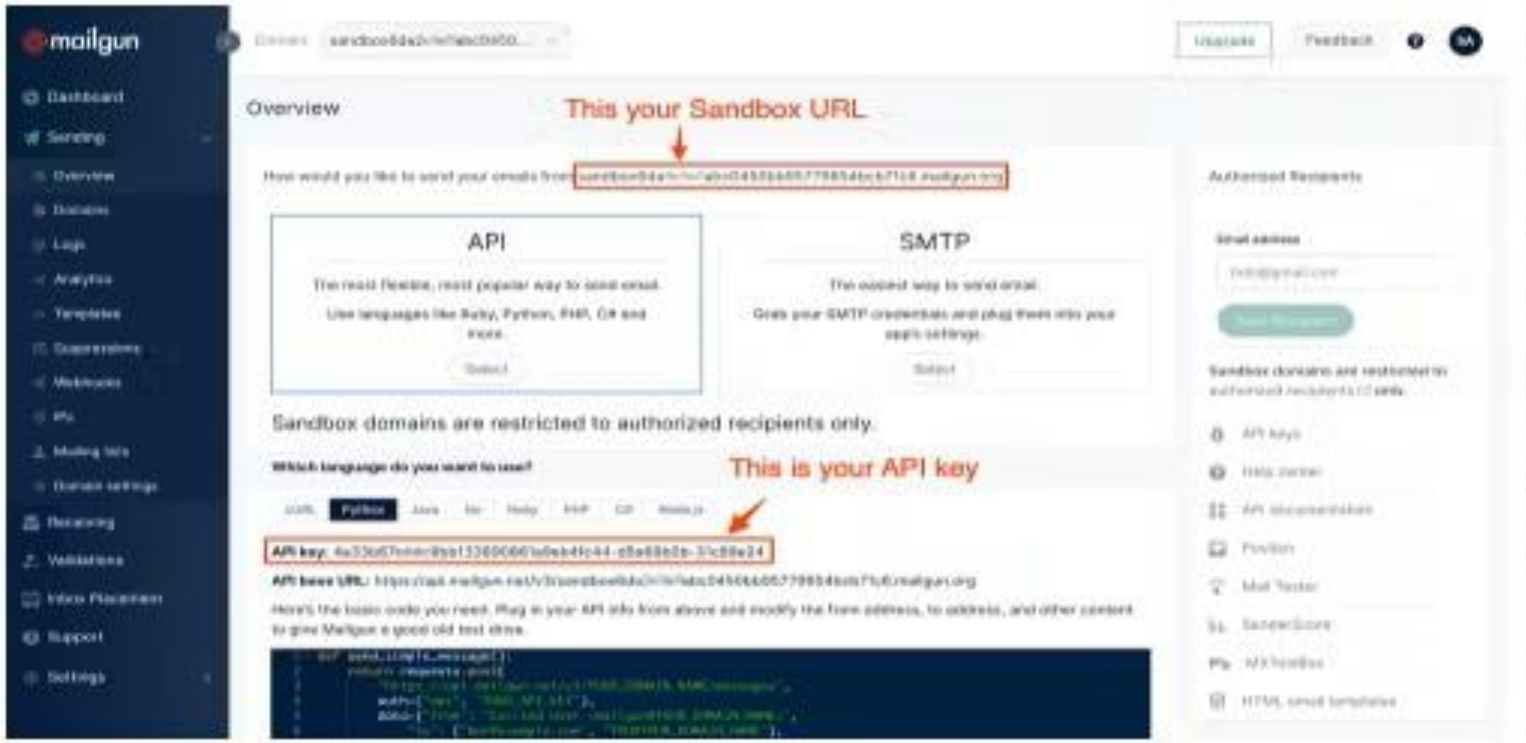
Technologies Used:

- ✓ HTML
- ✓ CSS
- ✓ Java Script
- ✓ Angular Framework

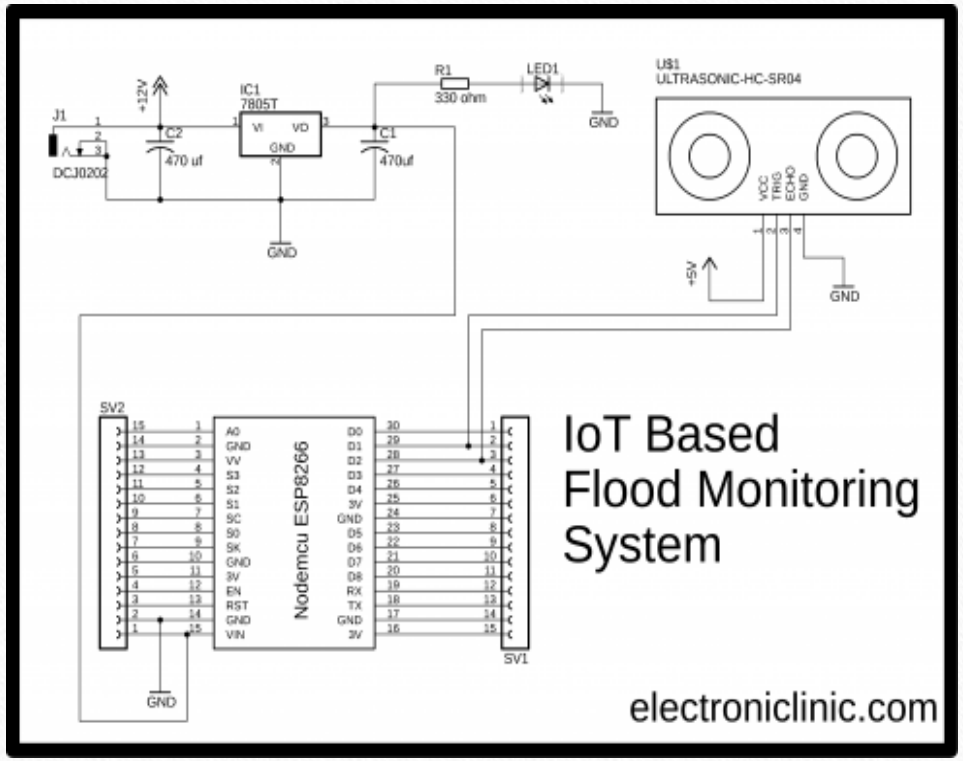
SCREENS FROM THE WEB PLATFORM



SCREENS FROM WEB PLATFORM



CIRCUIT DIAGRAM FOR FLOOD MONITORING AND EARLY WARNINGS



DESIGN OF FLOOD MONITORING BASED ON INTERNET OF THINGS (IOT)

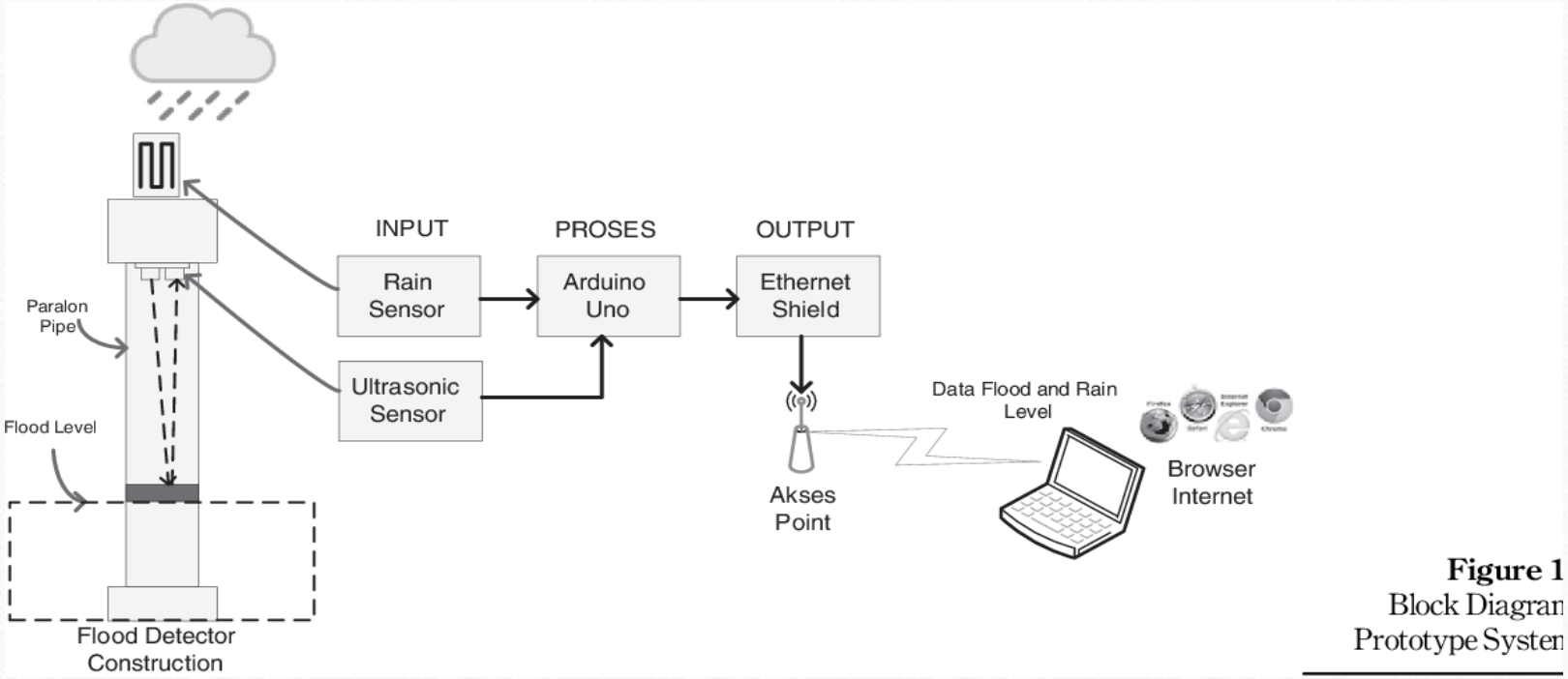


Figure 1
Block Diagram
Prototype Syste

APPLICATIONS

- The system has a wifi connectivity, thus it's collected data can be accessed from anywhere quite easily using IoT.
- To detect a flood the system observes various natural factors, which includes humidity, temperature, water level and flow level.

THANK YOU!!!