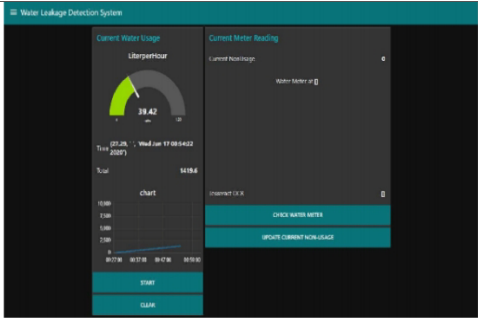
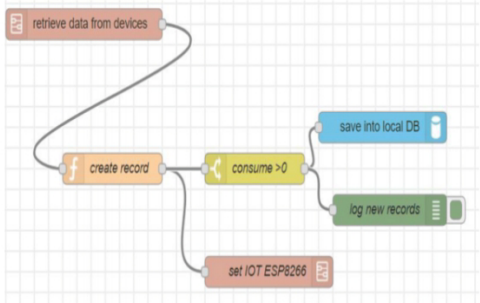


Project Development Phase Performance Test


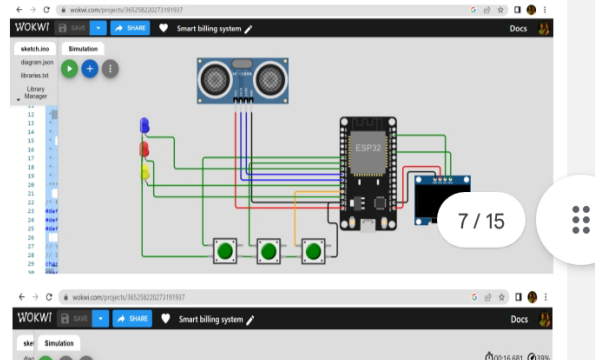
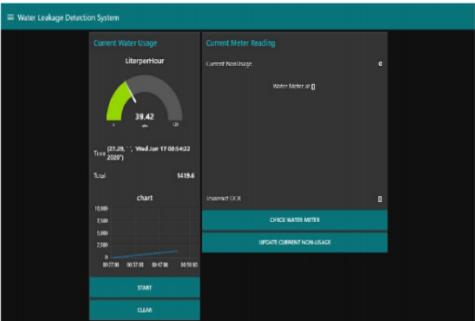
Date	21 May 2023
Team ID	NM2023TMID12378
Project Name	Smart billing system for water suppliers

Model Performance Testing:

Project team shall fill the following information in the performance testing template.

S.No.	Parameter	Screenshot / Values
1.	Dashboard design	
2.	Data Responsiveness	



3.	Utilization of Data Filters	<p>Node-Red Flow and Dashboard:</p>  <p>The Node-Red flow diagram shows a sequence of operations: 'retrieve data from devices' (inject node) connects to 'create record' (function node). 'create record' connects to a 'consume > 0' (comparison node). The comparison node has two outgoing paths: one to 'save into local DB' (inject node) and another to 'log new records' (inject node). Additionally, 'create record' connects to 'set IOT ESP8266' (inject node). Below the flow diagram is a screenshot of the 'Water Leakage Detection System' dashboard. The dashboard features a 'Current Water Usage' section with a gauge showing 38.42 Liters per hour, a 'Current Water Reading' section with a value of 0, and a 'Chart' section showing a line graph of water usage over time. The dashboard also includes buttons for 'START', 'STOP', 'CYCLE WATER METER', and 'UPDATE CURRENT METER USAGE'.</p>
4.	Effective User Story	<p>Running Stimulation:</p>  <p>The screenshot shows the WOKWI simulation environment. It displays a circuit diagram with an ESP32 microcontroller, a water meter, and various sensors. The interface includes a 'Simulation' tab, a 'Library Manager', and a 'Docs' section. A '7 / 15' indicator is visible in the bottom right corner.</p>
5.	Descriptive Reports	 <p>This is a duplicate of the dashboard screenshot from the first row, showing the 'Water Leakage Detection System' interface with water usage metrics and control buttons.</p>

