

## SPRINT-3

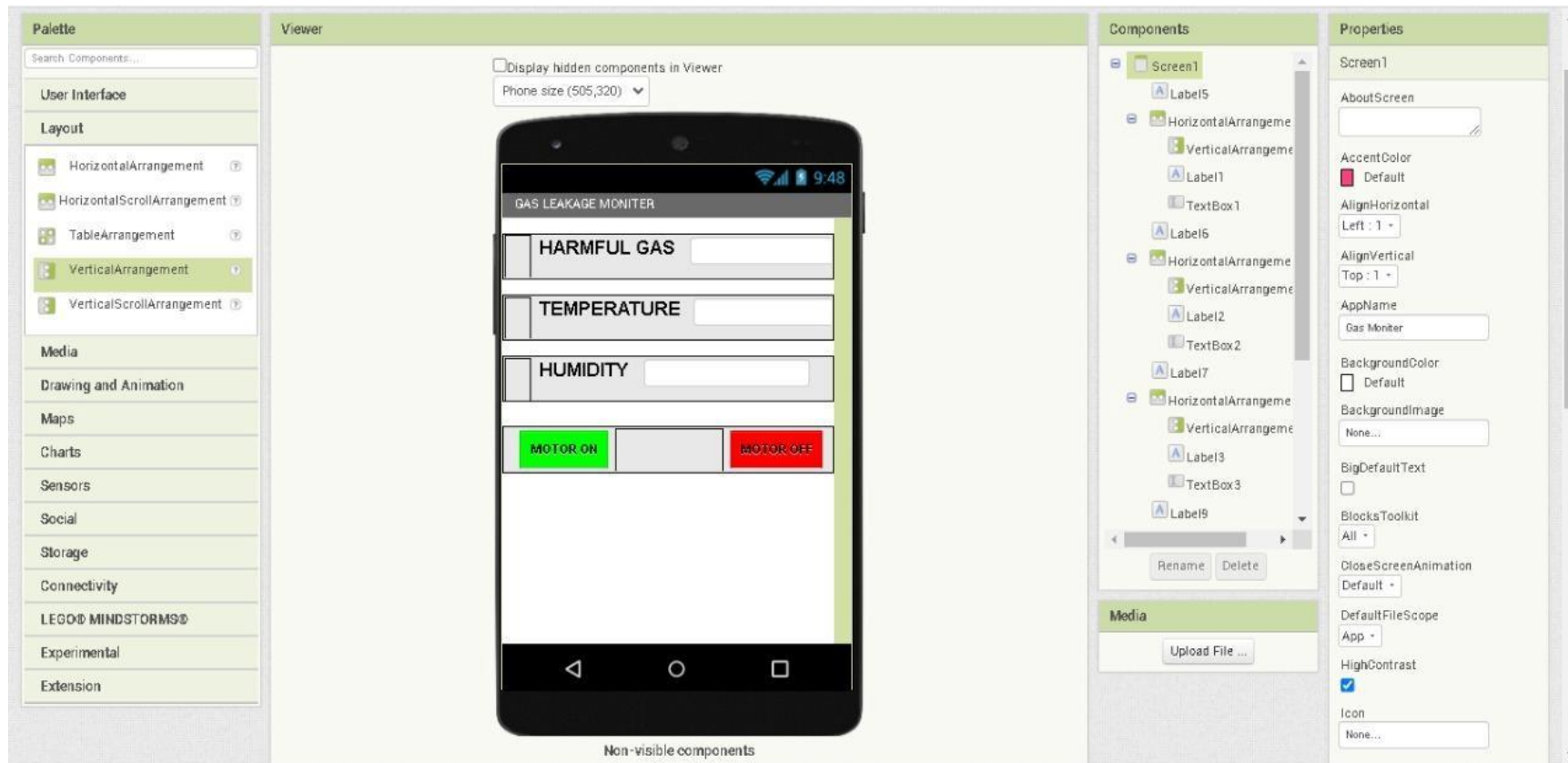
<b>Team ID</b>	<b>PNT2022TMID18536</b>
<b>Project Name</b>	<b>Gas Leakage Monitoring and Alerting System</b>

<b>S.NO</b>	<b>Tools &amp; Technology Used</b>
1	MIT App Inventor – For Creating Application
2	Manual Testing – Apps are tested manually

# BLOCK CREATION:

The screenshot displays the Node-RED web interface for a project named "Gas\_monitor". The top bar includes buttons for "Screen1", "Add Screen...", "Remove Screen", and "Publish to Gallery", along with "Designer" and "Blocks" tabs. The left sidebar, titled "Blocks", lists various categories: Built-in (Control, Logic, Math, Text, Lists, Dictionaries, Colors, Variables, Procedures), Screen1, and a list of widgets including Label5, HorizontalArrangemer, VerticalArrangemer, Label1, TextBox1, and Label6. The main workspace, labeled "Viewer", contains three logic flow graphs. The first graph, triggered by "Clock1" (Timer), sets "Web1" (Url) to "https://hnode-red-logs-2022-11-05.au-syd.mybluem." and calls "Web1" (Get). The second graph, triggered by "Web1" (Got Text), sets "Web1" (responseCode), "Web1" (responseType), and "Web1" (responseContent). It then uses "look up in pairs" blocks to check for "hamful\_gas", "temperature", and "humidity" in the response content, with "not found" fallbacks. The third graph, triggered by "Button1" (Click), sets "Web2" (Url) to "https://hnode-red-logs-2022-11-05.au-syd.mybluem." and calls "Web2" (Get). The bottom left shows a "Show Warnings" button with two warning icons. The right side features a toolbar with a backpack icon, a target icon, and plus/minus buttons.

# Home screen :



# MOBILE SCREEN:

