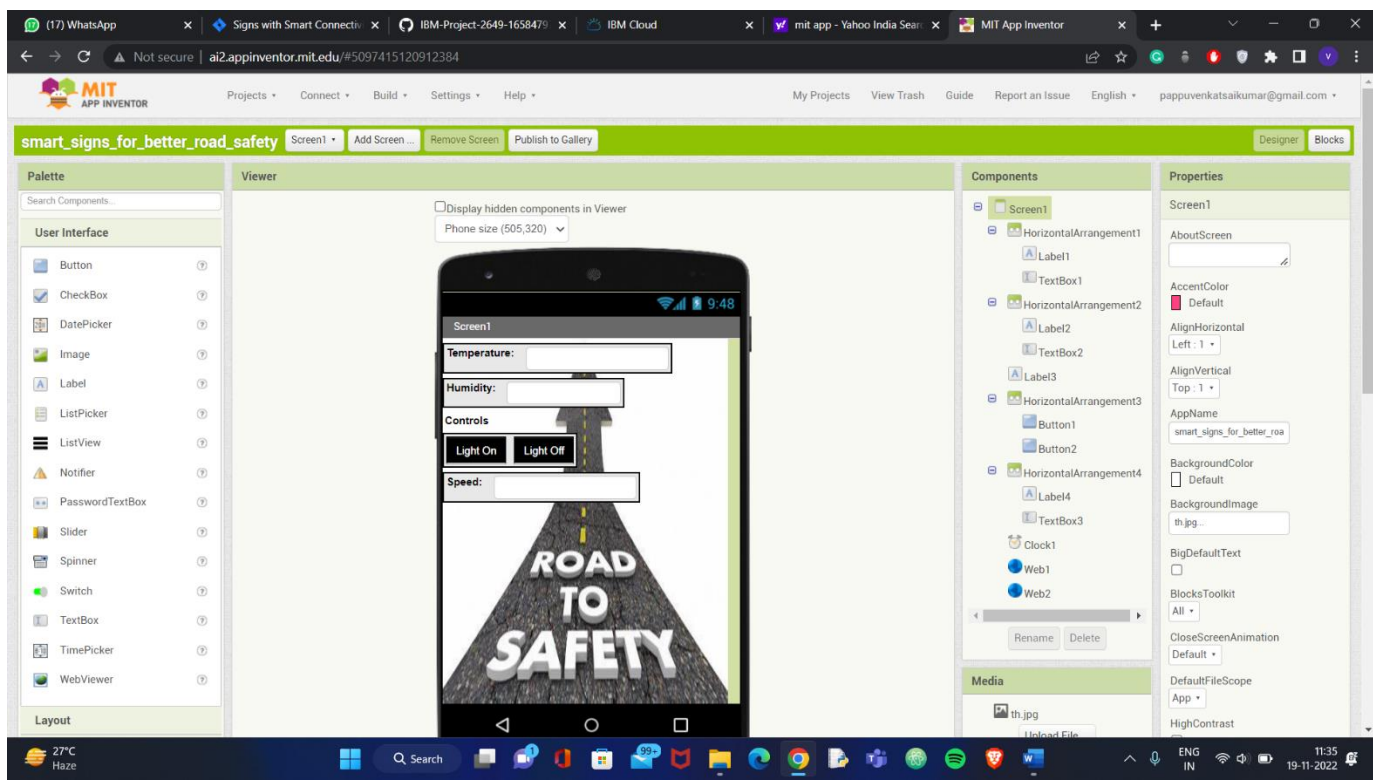


Sprint-3

Date	11 November 2022
Team ID	PNT2022TMID01100
Project Name	Project – Signs with smart connectivity for better safety.

Using MIT app Inventory developing the Application:

Design:



Blocks:

The screenshot displays the MIT App Inventor web interface in a browser. The project is titled "smart_signs_for_better_road_safety". The interface is divided into three main sections: a left sidebar with a "Blocks" palette, a central "Viewer" area, and a right sidebar with a "Designer" tab and a "Blocks" tab.

Blocks Palette (Left Sidebar):

- Built-in
 - Control
 - Logic
 - Math
 - Text
 - Lists
 - Dictionaries
 - Colors
 - Variables
 - Procedures
- Screen1
 - HorizontalArrangemen
 - Label1
 - TextBox1
 - HorizontalArrangemen
 - Label2
 - TextBox2
- Media
 - th.jpg

Viewer Area (Center):

The central area shows a visual representation of the app's logic. It includes a "Show Warnings" button at the bottom left. The logic is organized into three main blocks:

- when Clock1 Timer:** This block triggers a sequence of actions:
 - do: set Web1 Uri to "https://node-red-ctsim-2022-11-10.eu-gb.mybluemix.net/"
 - call Web1 Get
- when Web1 GotText:** This block handles the response from the web service. It uses a "look up in pairs" block to extract data from the response. The response is decoded as JSON text, and the content is retrieved. The data is then used to set the text of three text boxes: TextBox1 (Temp), TextBox2 (Humid), and TextBox3 (Speed). If the data is not found, a "not found" message is displayed.
- when Button1 Click:** This block triggers a sequence of actions:
 - do: set Web2 Uri to "https://node-red-ctsim-2022-11-10.eu-gb.mybluemix.net/"
 - call Web2 Get
- when Button2 Click:** This block triggers a sequence of actions:
 - do: set Web2 Uri to "https://node-red-ctsim-2022-11-10.eu-gb.mybluemix.net/"
 - call Web2 Get

Right Sidebar (Designer/Blocks):

The right sidebar contains a "Designer" tab and a "Blocks" tab. The "Designer" tab shows a visual representation of the app's layout, including a "Show Warnings" button. The "Blocks" tab shows a list of blocks, including "Web1" and "Web2".