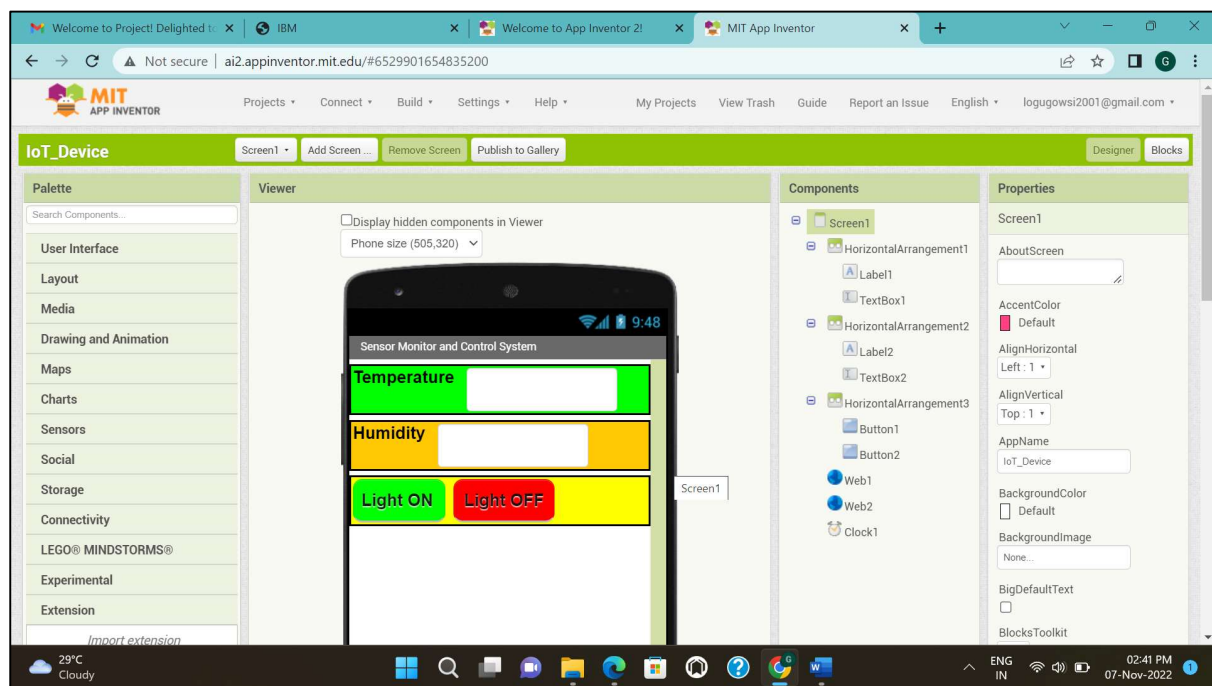


Pre Requisites-MIT App Inventor

TEAM ID	PNT2022TMID23830
Project Name	Smart Farmer - IoT Enabled Smart Farming Application
Leader Name	GOWSALYA L
Team Members Name	DEEPIKA B.K MEGAVARSHINI G MONISHA N

An account was created in MIT App Inventor and features were overviewed.

DESIGNER:



BLOCKS:

The screenshot displays the MIT App Inventor web interface in a browser. The project is named "IoT_Device". The interface is divided into three main sections: a left sidebar for "Blocks", a central "Viewer" area for the code, and a right sidebar for "Designer" and "Blocks".

Blocks Panel: The "Built-in" category is expanded, showing various block types including Control, Logic, Math, Text, Lists, Dictionaries, Colors, Variables, and Procedures. Under the "Screen1" category, there are sub-categories for "HorizontalArrangement1" (containing Label1 and TextBox1) and "HorizontalArrangement2" (containing Label2 and TextBox2).

Viewer Panel: The code is written in a visual block-based language. It consists of two main event-driven blocks:

- when Clock1.Timer**: This block triggers a sequence of actions:
 - do**: A block containing two sub-blocks:
 - set Web1.Uri to**: A block with a URL value of "https://node-red-rjzof-2022-10-11.eu-gb.mybluemix.io".
 - call Web1.Get**: A block that initiates a GET request to the specified URI.
- when Web1.GetText**: This block triggers a sequence of actions based on the response from the GET request:
 - do**: A block containing two sub-blocks:
 - set TextBox2.Text to**: A block that sets the text of TextBox2 to the value of "look up in pairs key".
 - look up in pairs key**: A block that looks up a key in a dictionary. The key is "Temperature". The value is "not found".
 - call Web1.XMLTextDecode**: A block that decodes the XML response. The value is "xmlText".
 - get responseContent**: A block that retrieves the response content. The value is "responseContent".

The bottom of the screen shows a Windows taskbar with various application icons and a system tray displaying the date and time as 03:23 PM on 07-Nov-2022.