

SPRINT 4-REPORT

**SMART FARMER-IoT BASED SMART
FARMING APPILCATION**

TEAM ID: PNT2022TMID31713

TEAM LEAD: SAMRITHA S

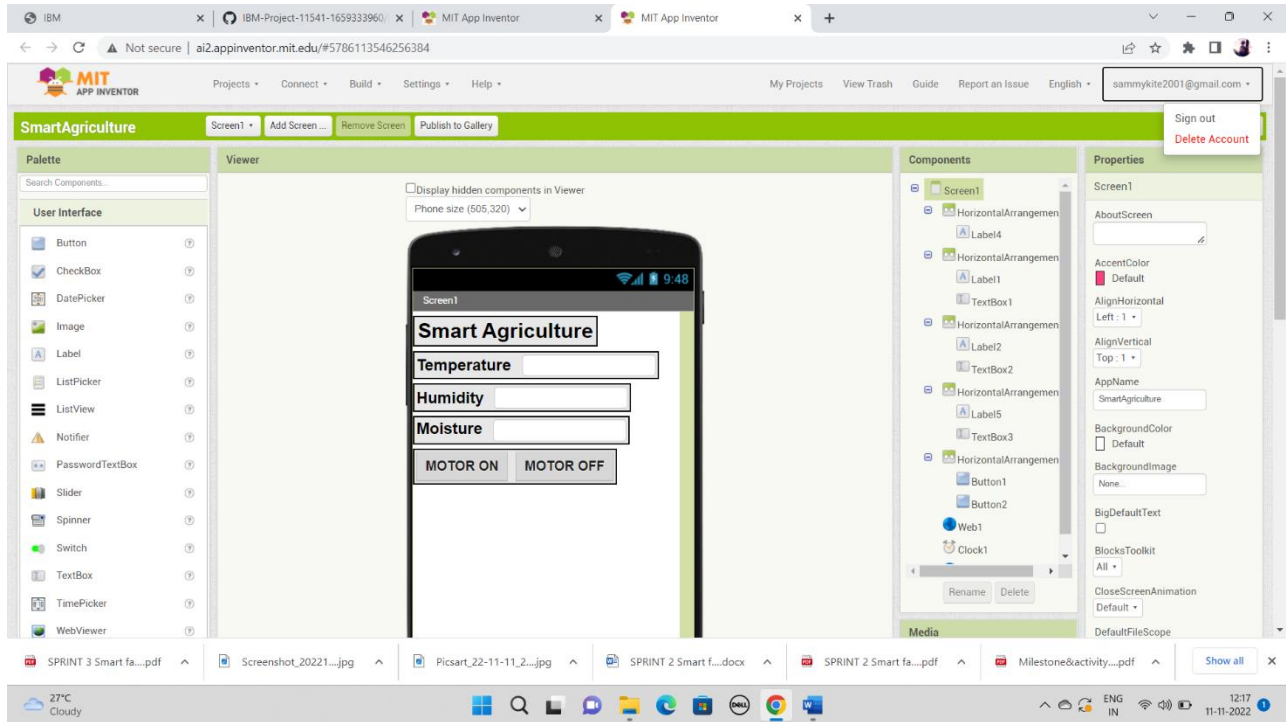
TEAM MEMBERS: 1. AAKASH J

2. DHEVAKI V

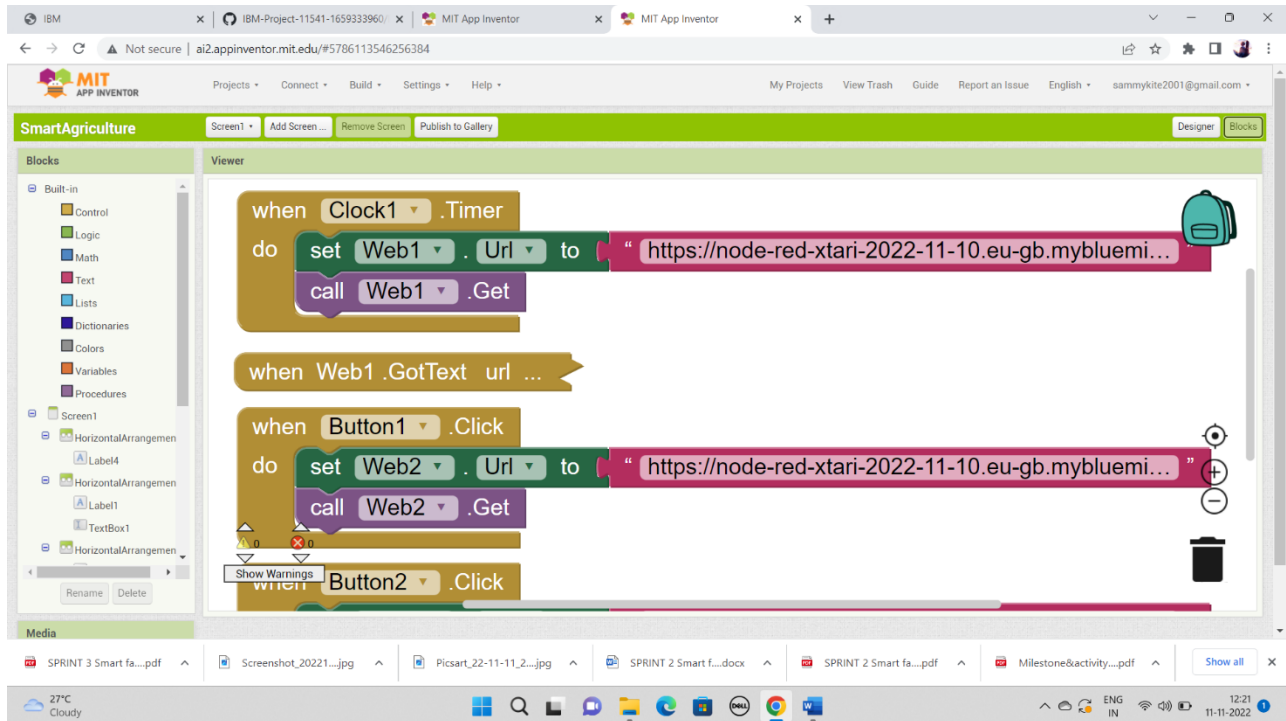
3. JANANI S

4. GOWTHAM S

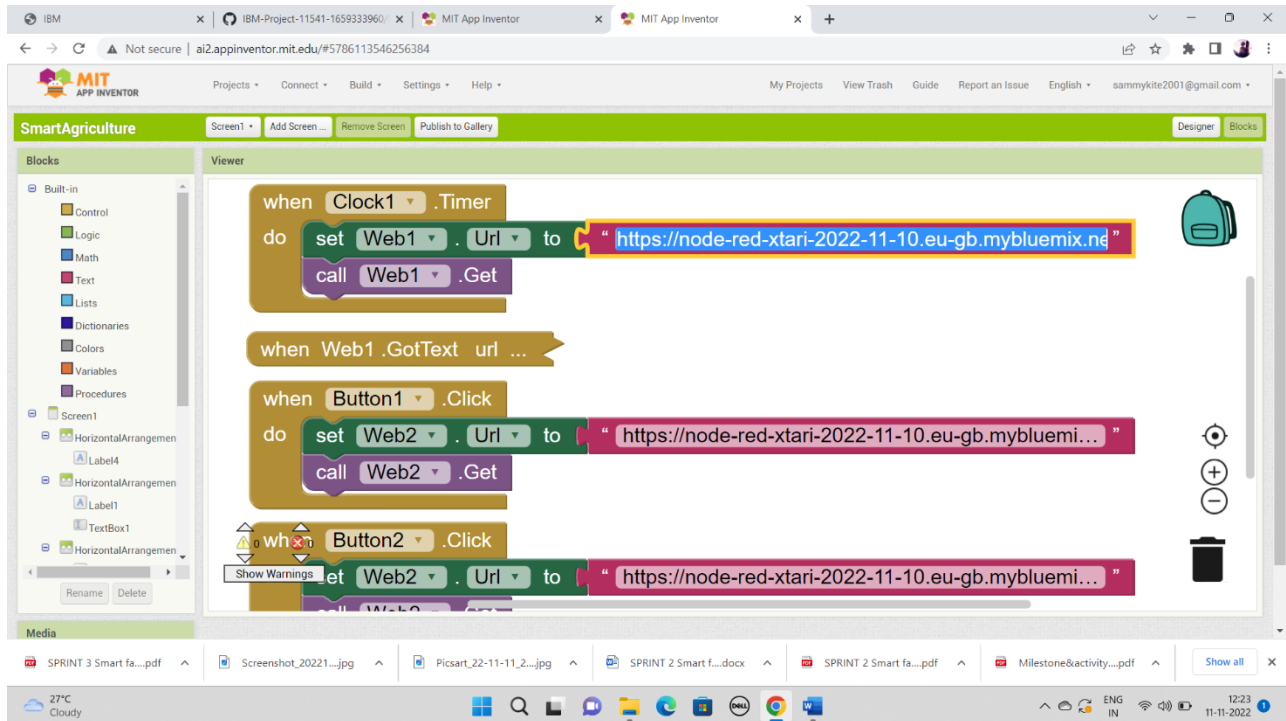
Creating a MIT Account



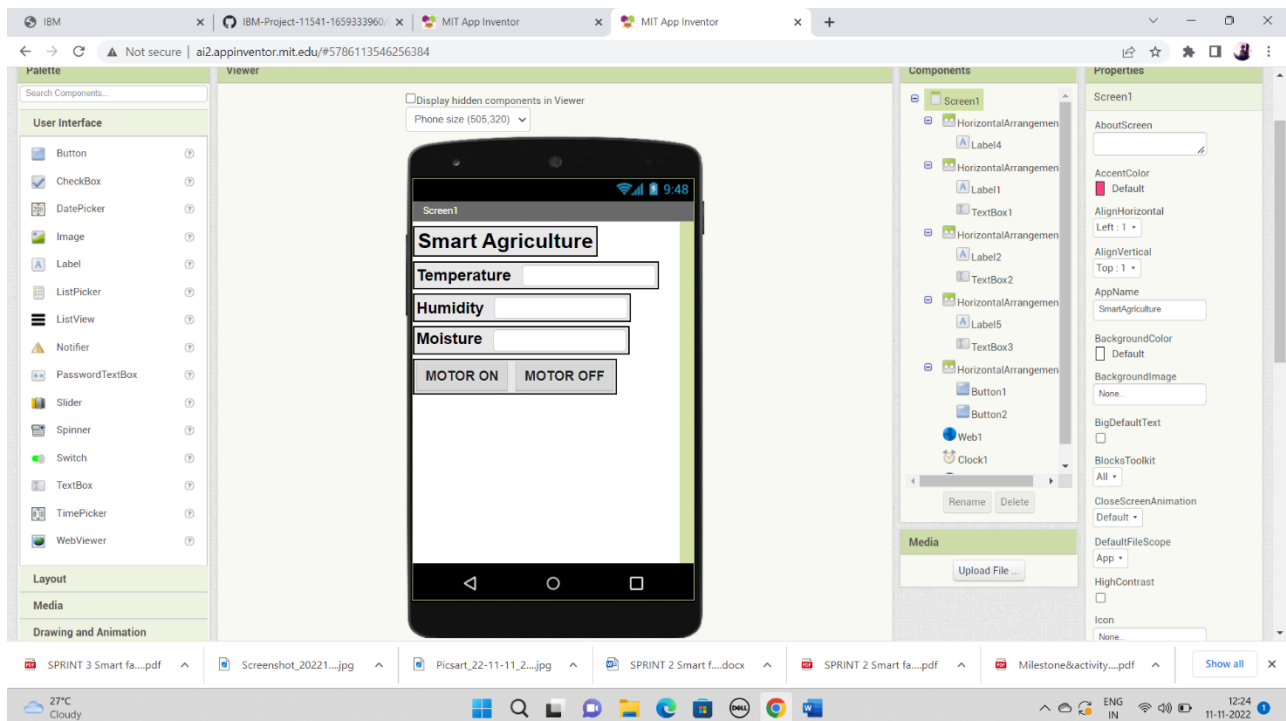
Creating Blocks to Build the Mobile Application



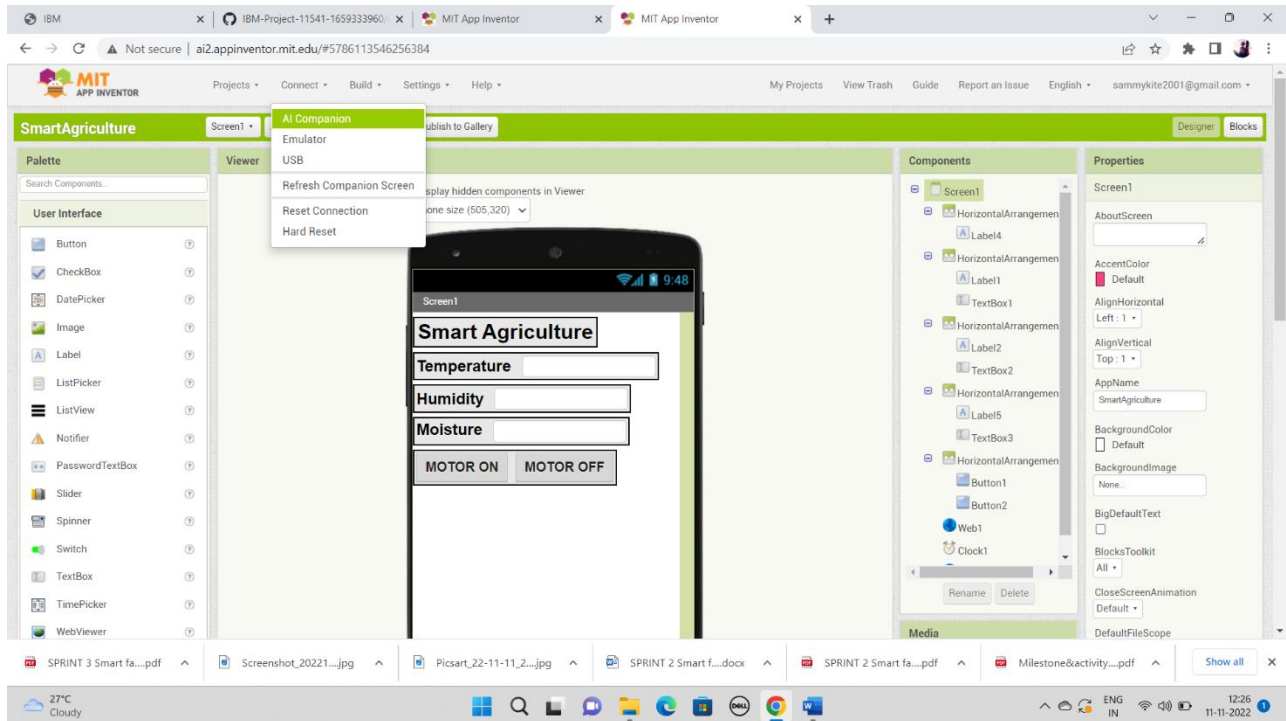
Configuring the Blocks with the Node Red Link



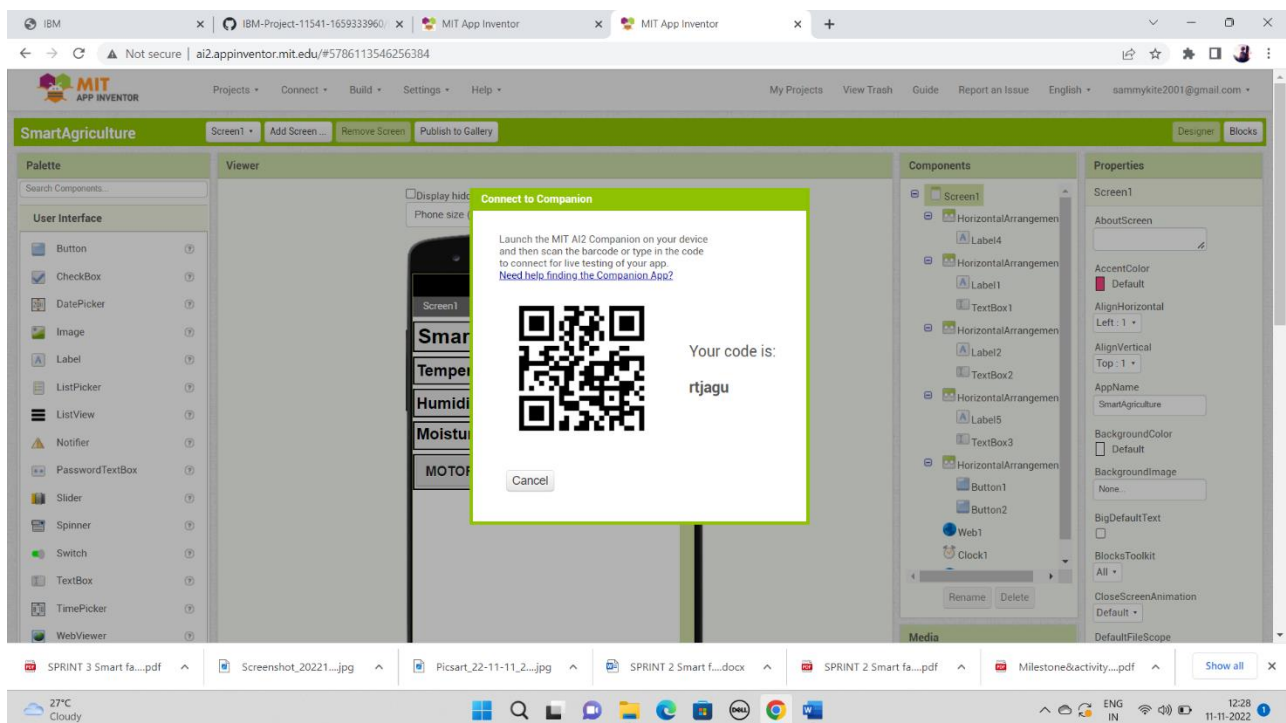
Creating the Mobile Interface



Connecting it to the AI Companion



QR Code to Connect with the Mobile



Mobile Connected Interface

4G 4G 10:43 (i)

Vol 1 LTE2 26

Screen1

Smart Agriculture

Temperature

Temperature value

Humidity

Humidity value

Moisture

Moisture value

MOTOR ON

MOTOR OFF

Receiving Data

Screen1

Smart Agriculture

Temperature 69

Humidity 54

Moisture 45

MOTOR ON

MOTOR OFF

Motor ON and Motor OFF Command and Output

Screen1

Smart Agriculture

Temperature

Humidity

Moisture



```
11/11/2022, 1:51:11 AM node: 0e1f6bb2ab4b3941
msg.payload : Object
  { command: "motoroff" }

11/11/2022, 1:51:11 AM node: IBM IoT
msg : string[51]
"[ApplicationClient:publish] Client
is not connected"

11/11/2022, 1:51:11 AM node: 0e1f6bb2ab4b3941
msg.payload : Object
  { command: "motoron" }

11/11/2022, 1:51:11 AM node: IBM IoT
msg : string[51]
"[ApplicationClient:publish] Client
is not connected"

11/11/2022, 1:51:11 AM node: 0e1f6bb2ab4b3941
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