PROJECT DEVELOPMENT PHASE

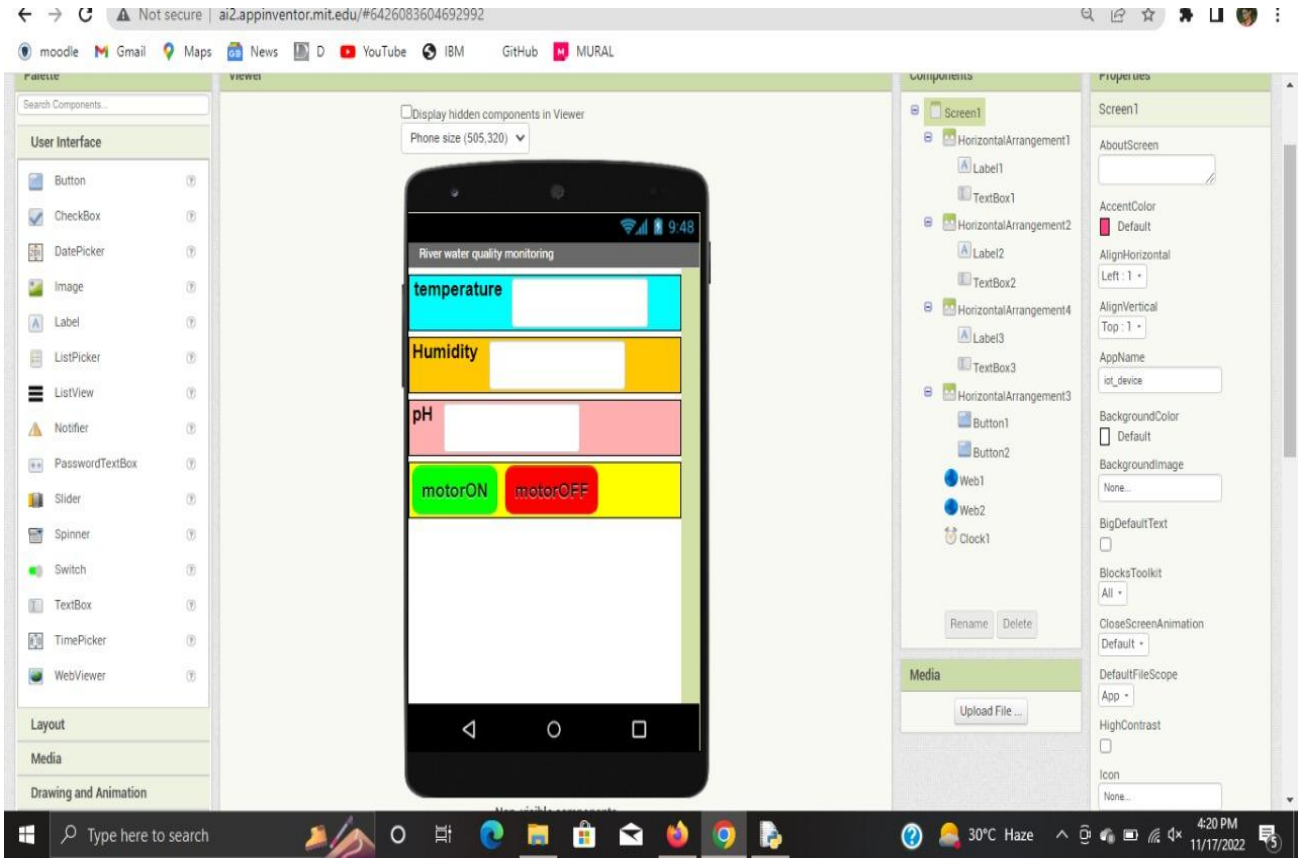
SPRINT-3

Team ID	PNT2022TMID42660
Project Name	Real-Time River Water Quality Monitoring and Control System

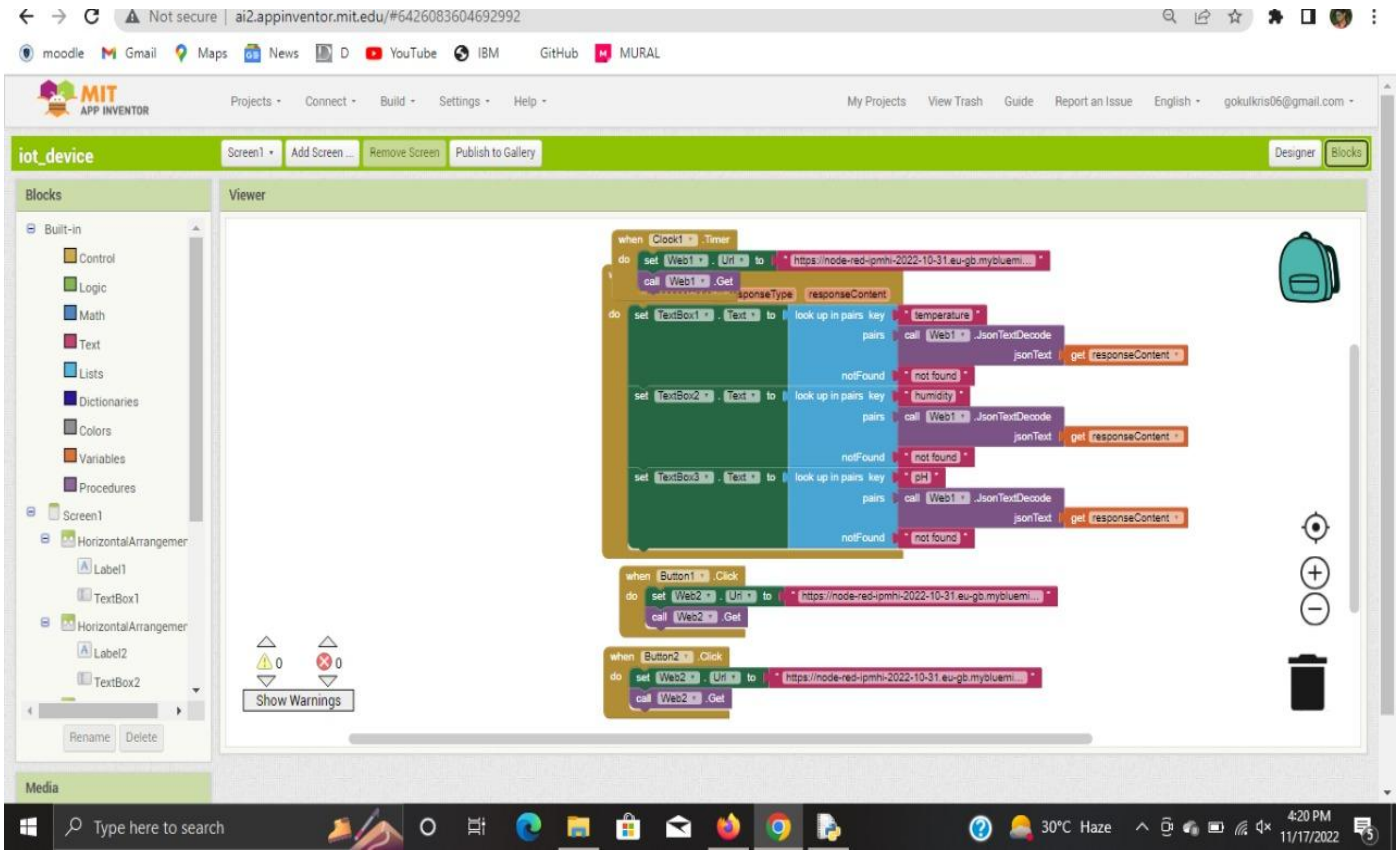
Tools & Technology Used

S.No	Tools & Technology Used
1	MIT App Inventor – For Creating Application
2	Cloudant DB – Used as a Database to store the received sensor data
3	Manual Testing – Apps are tested manually

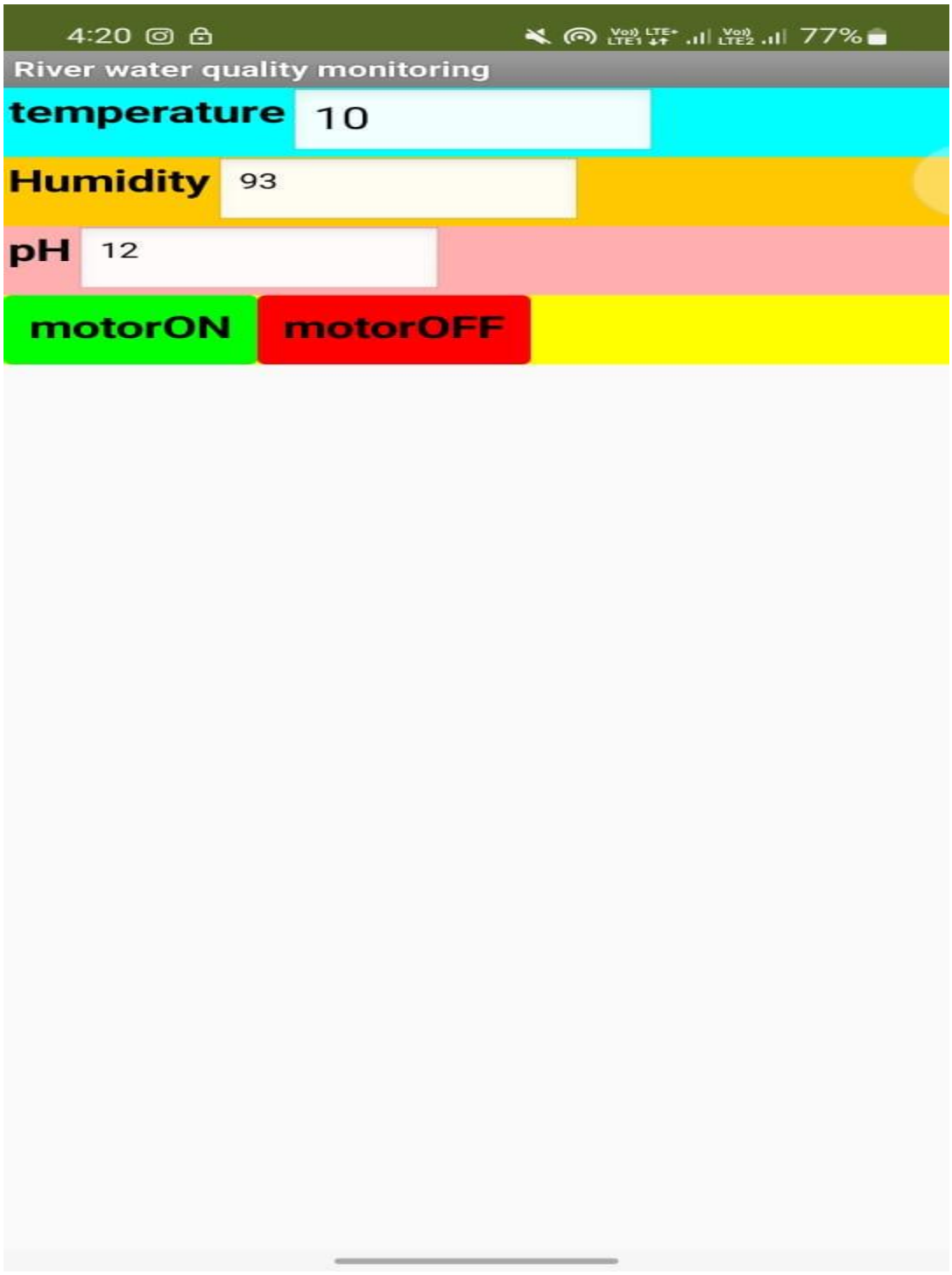
Home Screen Creation:



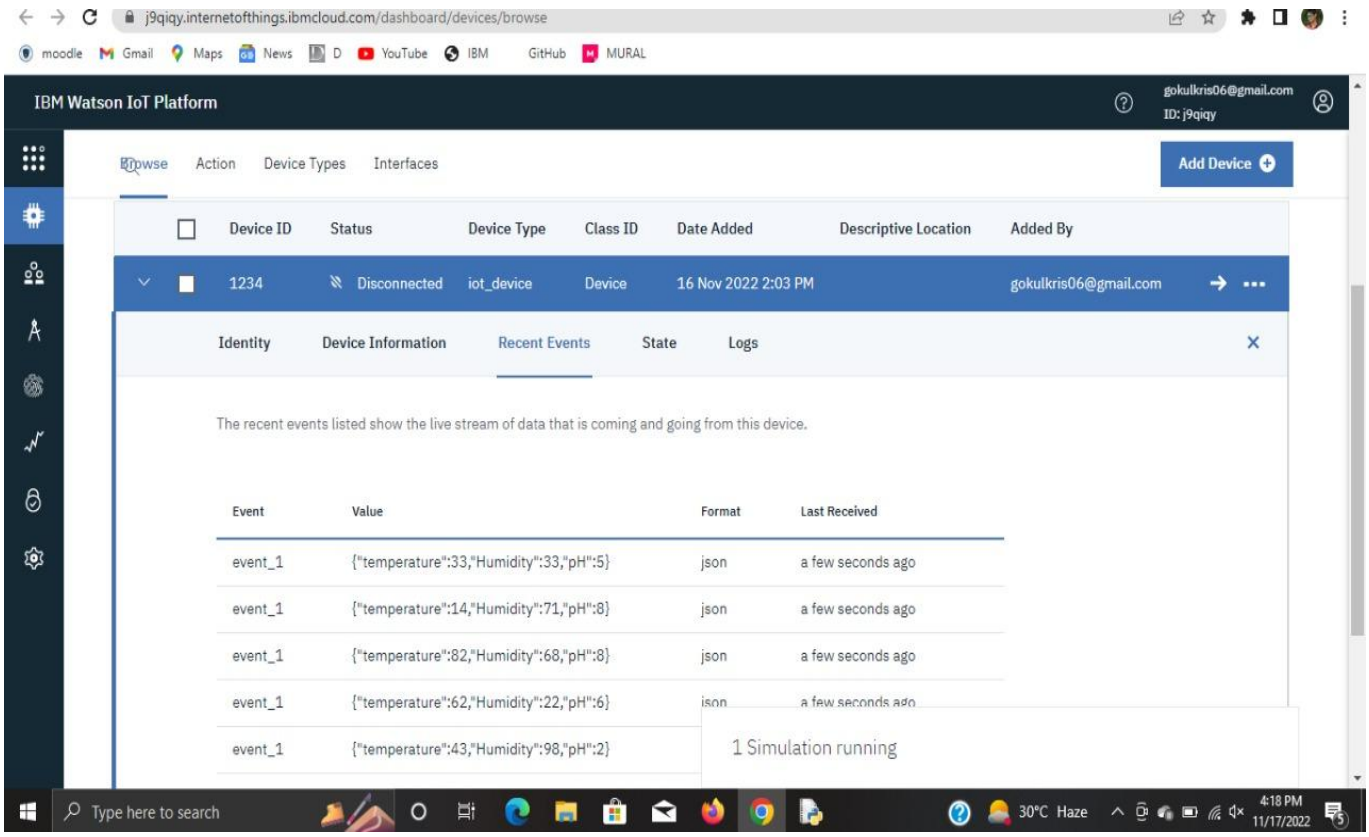
Blocks Creation:



Mobile Application:



Cloudant DB:


j9qiqy.internetofthings.ibmcloud.com/dashboard/devices/browse
IBM Watson IoT Platform
gokulkris06@gmail.com
ID: j9qiqy
Browse
Action
Device Types
Interfaces
Add Device
Device ID
Status
Device Type
Class ID
Date Added
Descriptive Location
Added By
1234
Disconnected
iot_device
Device
16 Nov 2022 2:03 PM
gokulkris06@gmail.com
Identity
Device Information
Recent Events
State
Logs
The recent events listed show the live stream of data that is coming and going from this device.
Event
Value
Format
Last Received
event_1
{"temperature":33,"Humidity":33,"pH":5}
json
a few seconds ago
event_1
{"temperature":14,"Humidity":71,"pH":8}
json
a few seconds ago
event_1
{"temperature":82,"Humidity":68,"pH":8}
json
a few seconds ago
event_1
{"temperature":62,"Humidity":22,"pH":6}
event_1
{"temperature":43,"Humidity":98,"pH":2}
1 Simulation running
Type here to search
30°C Haze
4:18 PM
11/17/2022