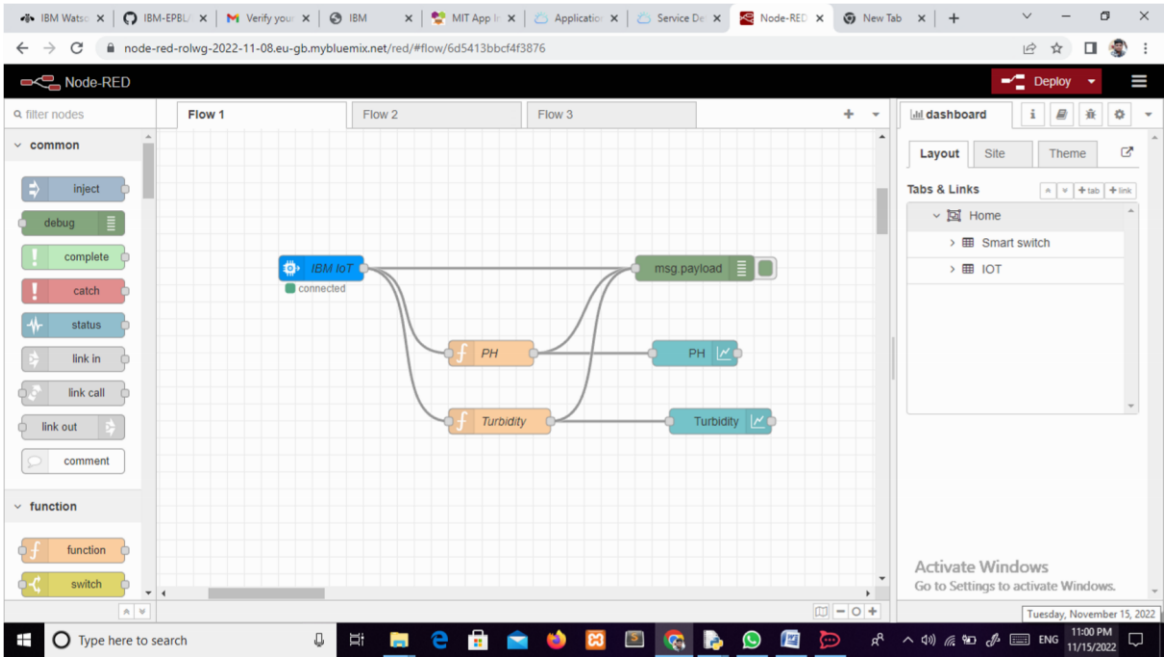
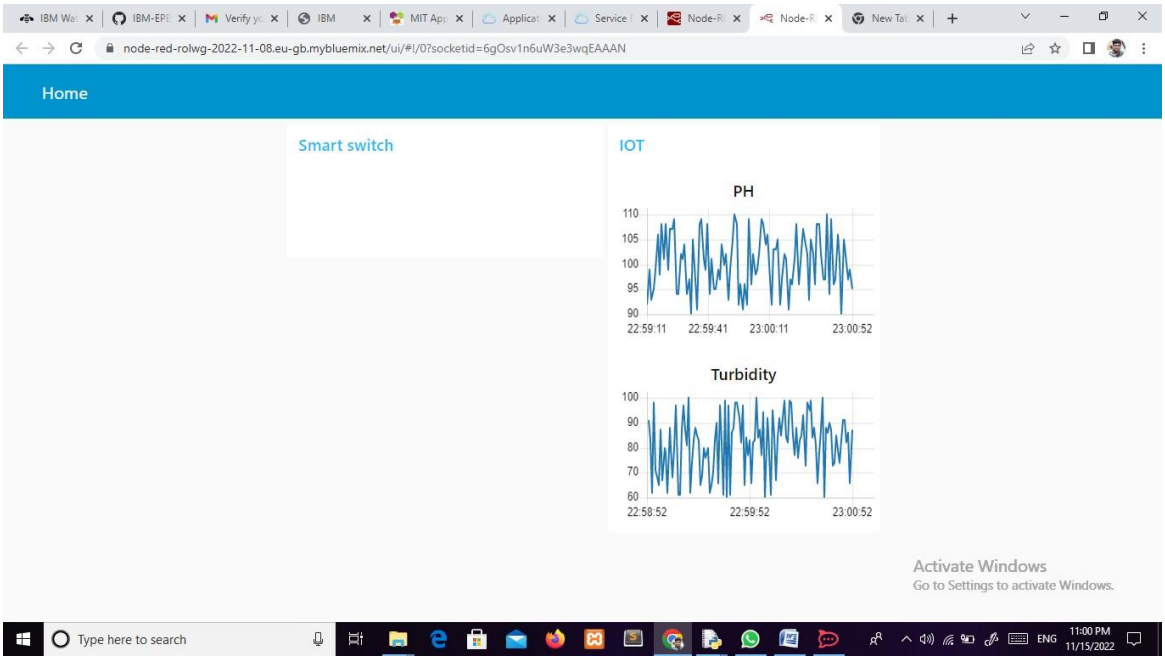
Building Mobile App

Design your UI to display the water Turbidity and PH values

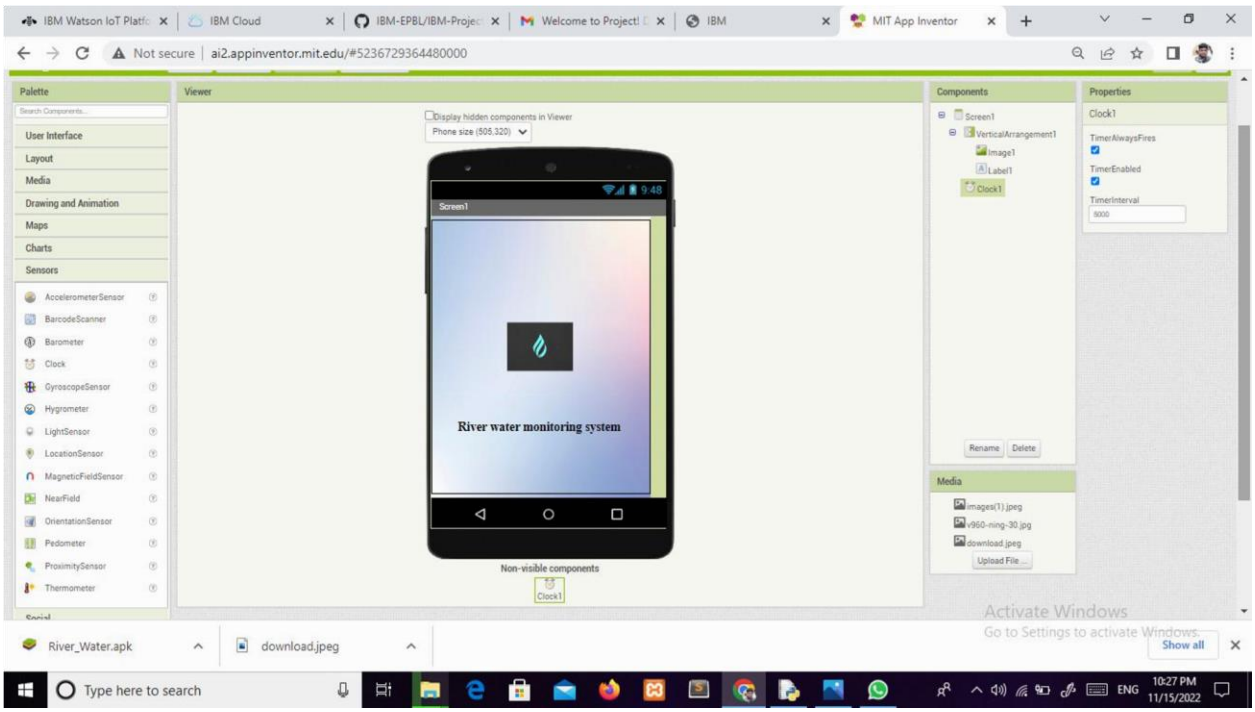
Team ID	**PNT2022TMID06458**
Project Name	**Real-Time River Water Quality Monitoring and Control System**

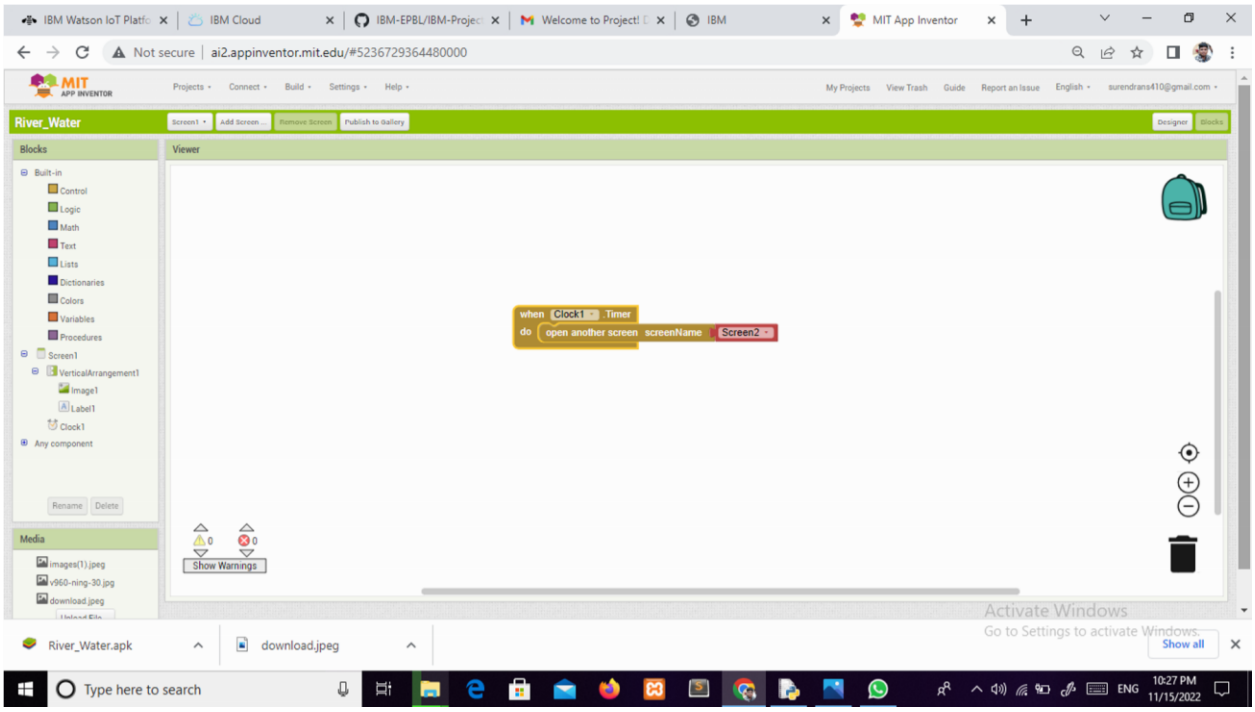
Workflow:

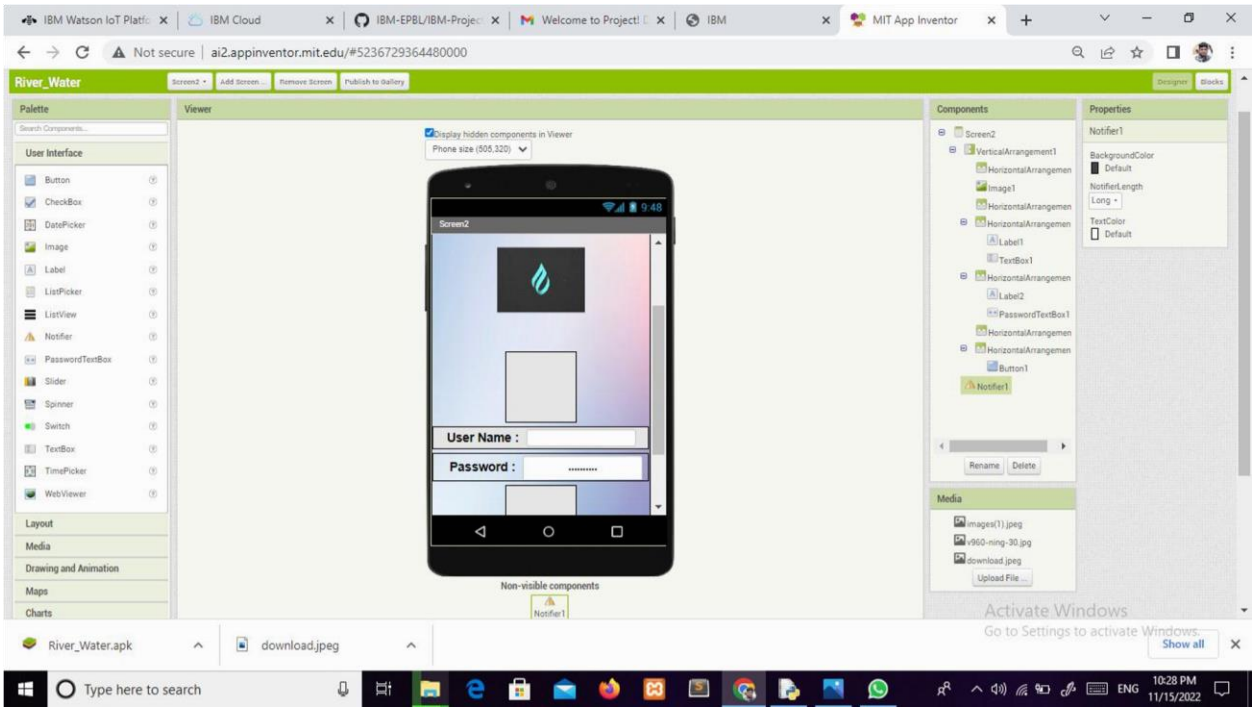


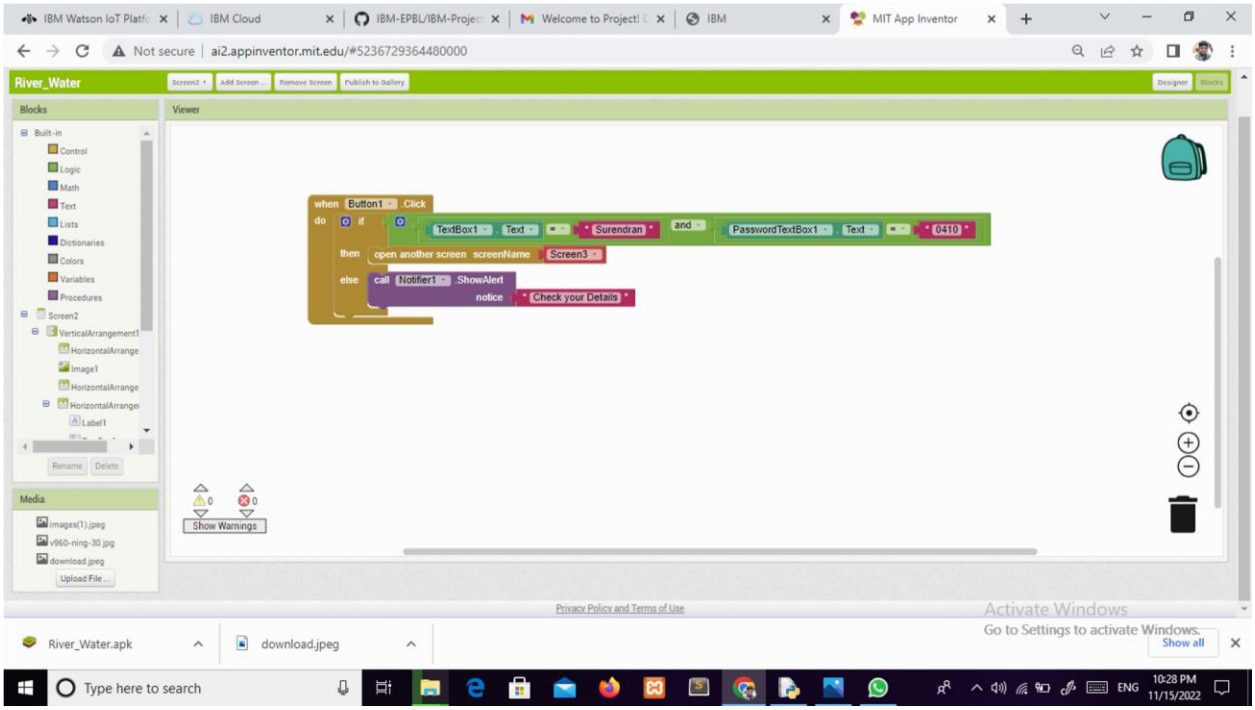


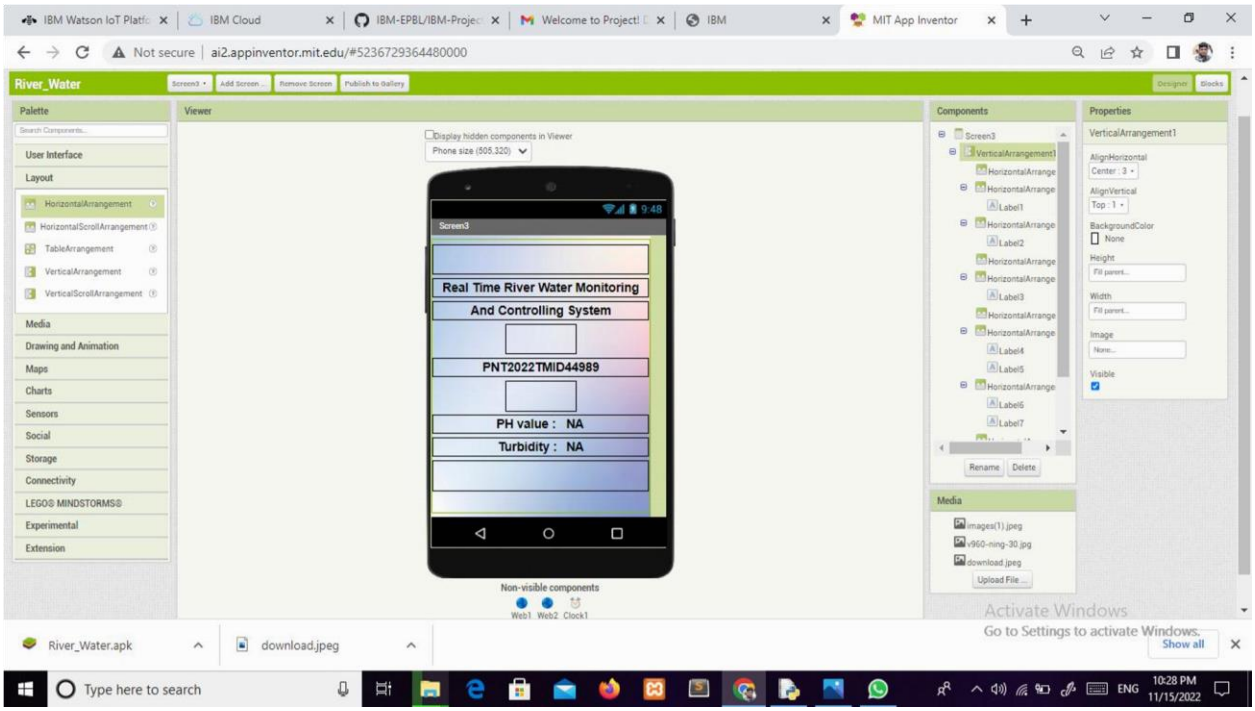
Creating the App:




MIT App Inventor
ai2.appinventor.mit.edu/#5236729364480000
River_Water
Blocks
Viewer
when Clock1 .Timer
do open another screen screenName Screen2
Show Warnings
River_Water.apk
download.jpeg
Type here to search


MIT App Inventor
ai2.appinventor.mit.edu/#5236729364480000
River_Water
Palette
Viewer
Components
Properties
Screen2
User Name :
Password :
Non-visible components
River_Water.apk
download.jpeg
Type here to search


IBM Watson IoT Platfo
IBM Cloud
IBM-EPBL/IBM-Project
Welcome to Project!
IBM
MIT App Inventor
Not secure
ai2.appinventor.mit.edu/#5236729364480000
River_Water
Blocks
Viewer
when Button1 .Click
do if TextBox1 Text = Surendran and PasswordTextBox1 Text = 0410
then open another screen screenName Screen3
else call Notifier1 .ShowAlert
notice Check your Details
Show Warnings
Media
Privacy Policy and Terms of Use
Activate Windows
Go to Settings to activate Windows.
Show all
River_Water.apk
download.jpeg
Type here to search
ENG
10:28 PM
11/15/2022


IBM Watson IoT Platfo
IBM Cloud
IBM-EPBL/IBM-Project
Welcome to Project!
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MIT App Inventor
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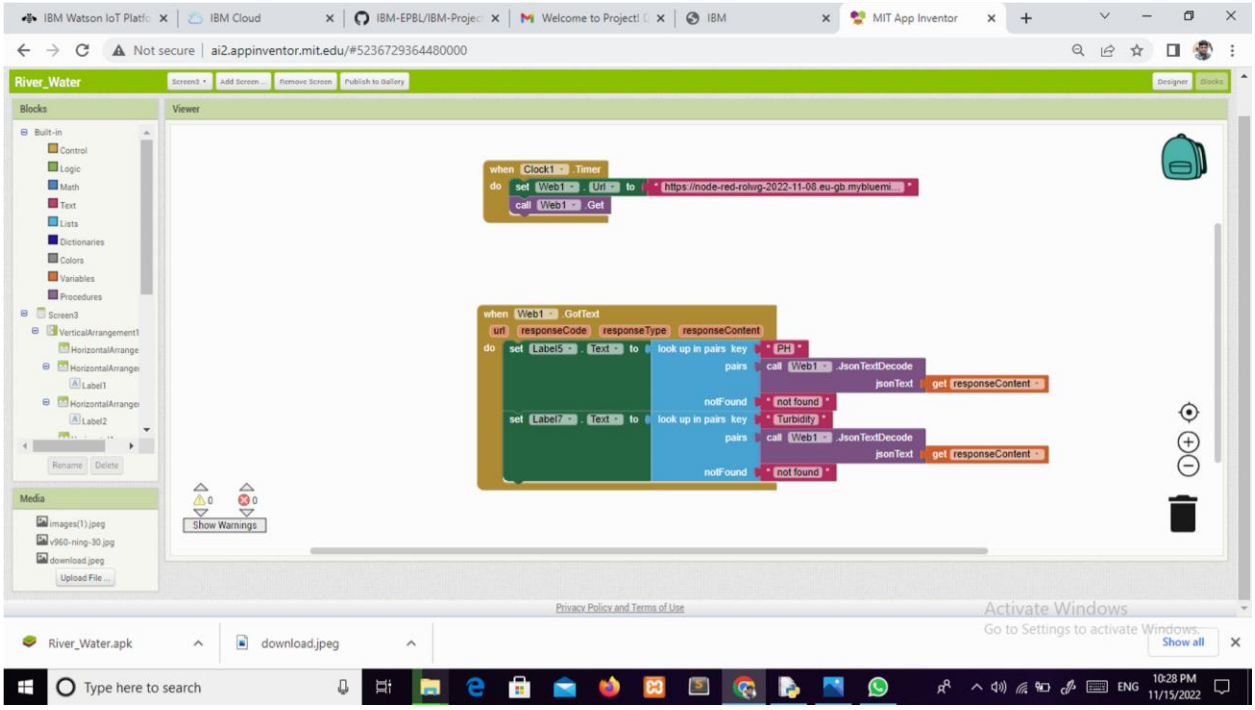
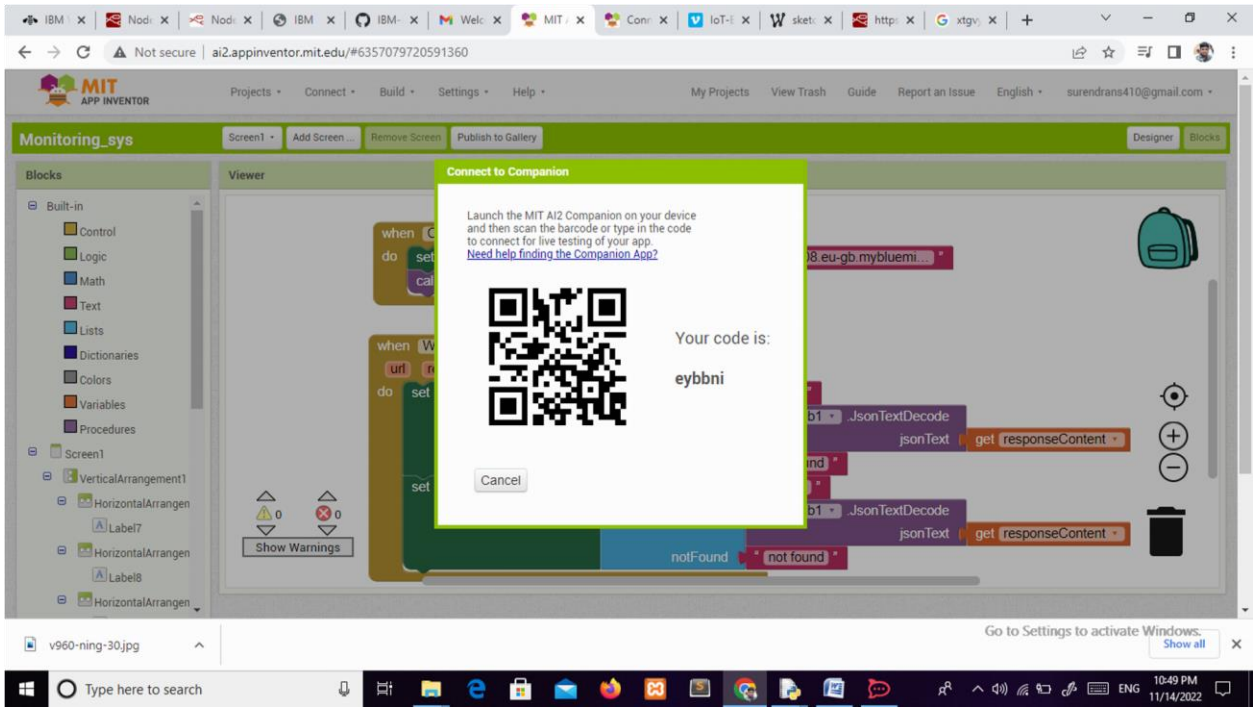
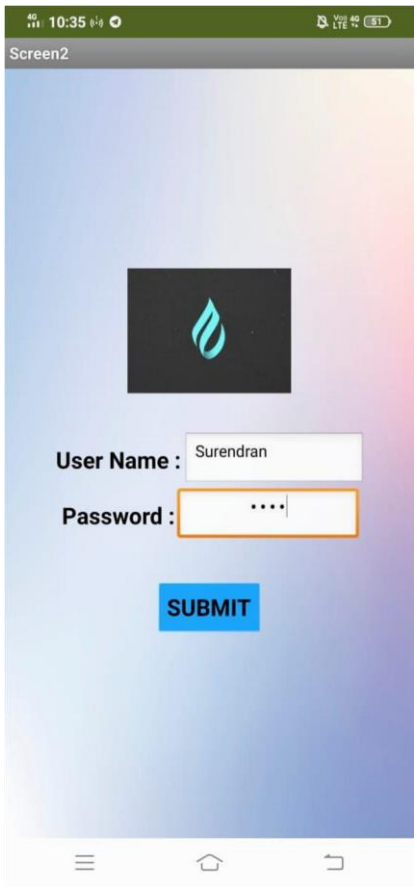
ai2.appinventor.mit.edu/#5236729364480000
River_Water
Palette
Viewer
Components
Properties
Screen3
Real Time River Water Monitoring
And Controlling System
PNT2022TMID44989
PH value : NA
Turbidity : NA
Non-visible components
Activate Windows
Go to Settings to activate Windows.
Show all
River_Water.apk
download.jpeg
Type here to search
ENG
10:28 PM
11/15/2022

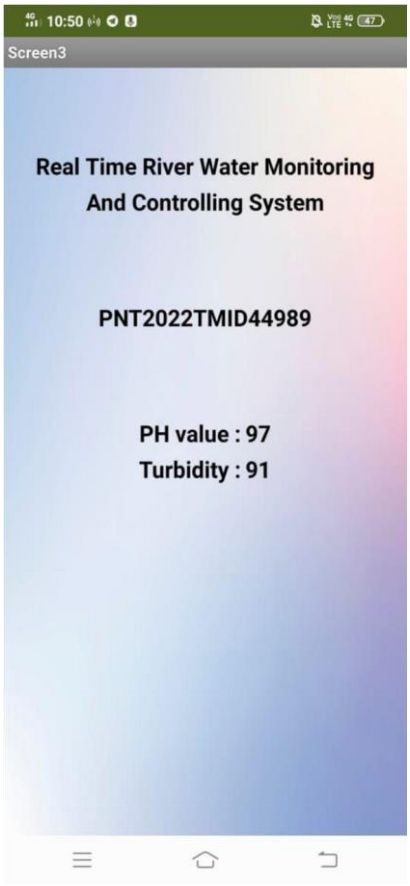

IBM Watson IoT Platfo
IBM Cloud
IBM-EPBL/IBM-Projec
Welcome to Project!
IBM
MIT App Inventor
Not secure | ai2.appinventor.mit.edu/#5236729364480000
River_Water
Screen3
Add Screen ...
Remove Screen
Publish to Gallery
Designer
Blocks
Viewer
Built-in
Control
Logic
Math
Text
Lists
Dictionaries
Colors
Variables
Procedures
Screen3
VerticalArrangement1
HorizontalArrange
HorizontalArrange
Label1
HorizontalArrange
Label2
Rename
Delete
Media
images(1).jpeg
v960-ning-30.jpg
download.jpeg
Upload File ...
when Clock1 .Timer
do set Web1 . Url to https://node-red-rolwg-2022-11-08.eu-gb.mybluemi...
call Web1 .Get
when Web1 .GotText
url responseCode responseType responseContent
do set Label5 . Text to look up in pairs key PH
pairs call Web1 .JsonTextDecode
jsonText get responseContent
notFound not found
set Label7 . Text to look up in pairs key Turbidity
pairs call Web1 .JsonTextDecode
jsonText get responseContent
notFound not found
Show Warnings
Privacy Policy and Terms of Use
Activate Windows
Go to Settings to activate Windows.
River_Water.apk
download.jpeg
Show all
Type here to search
ENG
10:28 PM
11/15/2022


Monitoring_sys
Connect to Companion
Launch the MIT AI2 Companion on your device and then scan the barcode or type in the code to connect for live testing of your app.
Need help finding the Companion App?
Your code is:
eybbni
Cancel
Show Warnings
Go to Settings to activate Windows.

Output :

Screen1
River water monitoring system


Screen2
User Name :
Surendran
Password :
SUBMIT


Screen3
Real Time River Water Monitoring And Controlling System
PNT2022TMID44989
PH value : 97
Turbidity : 91