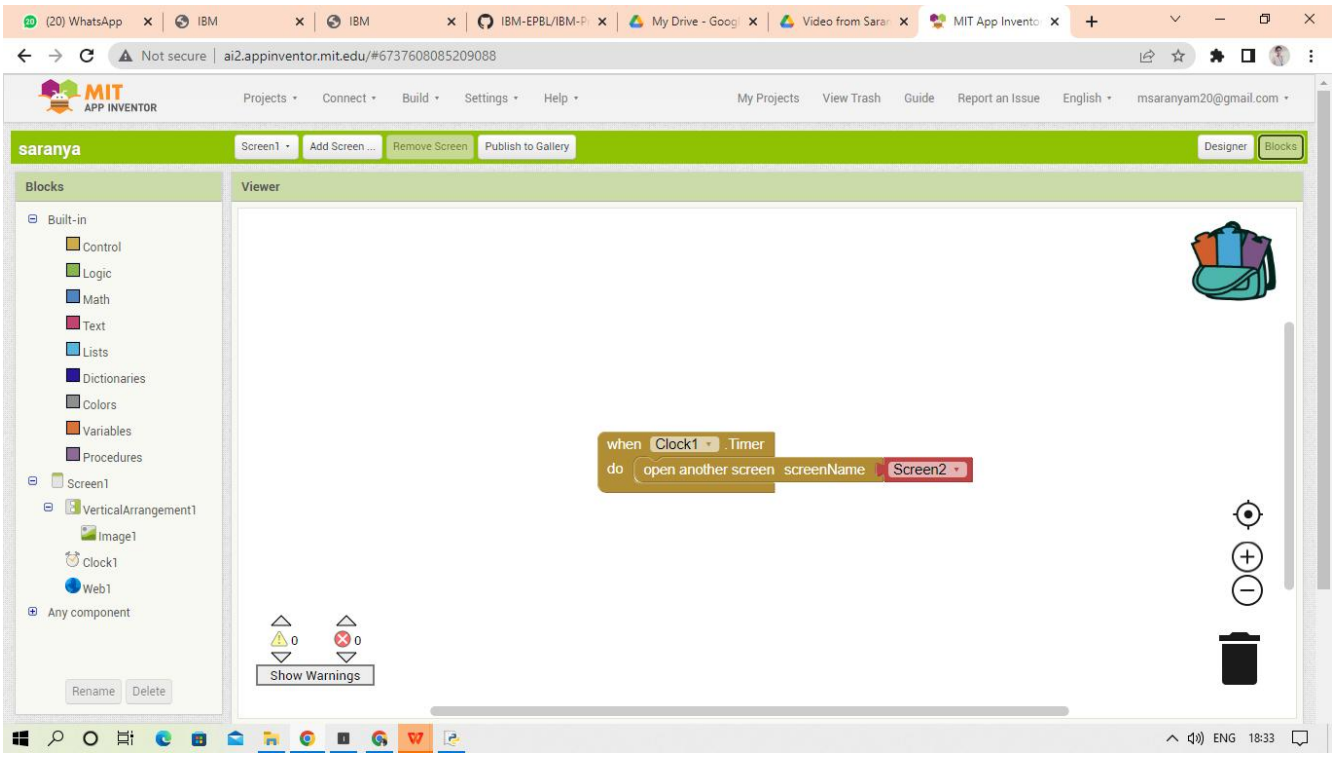
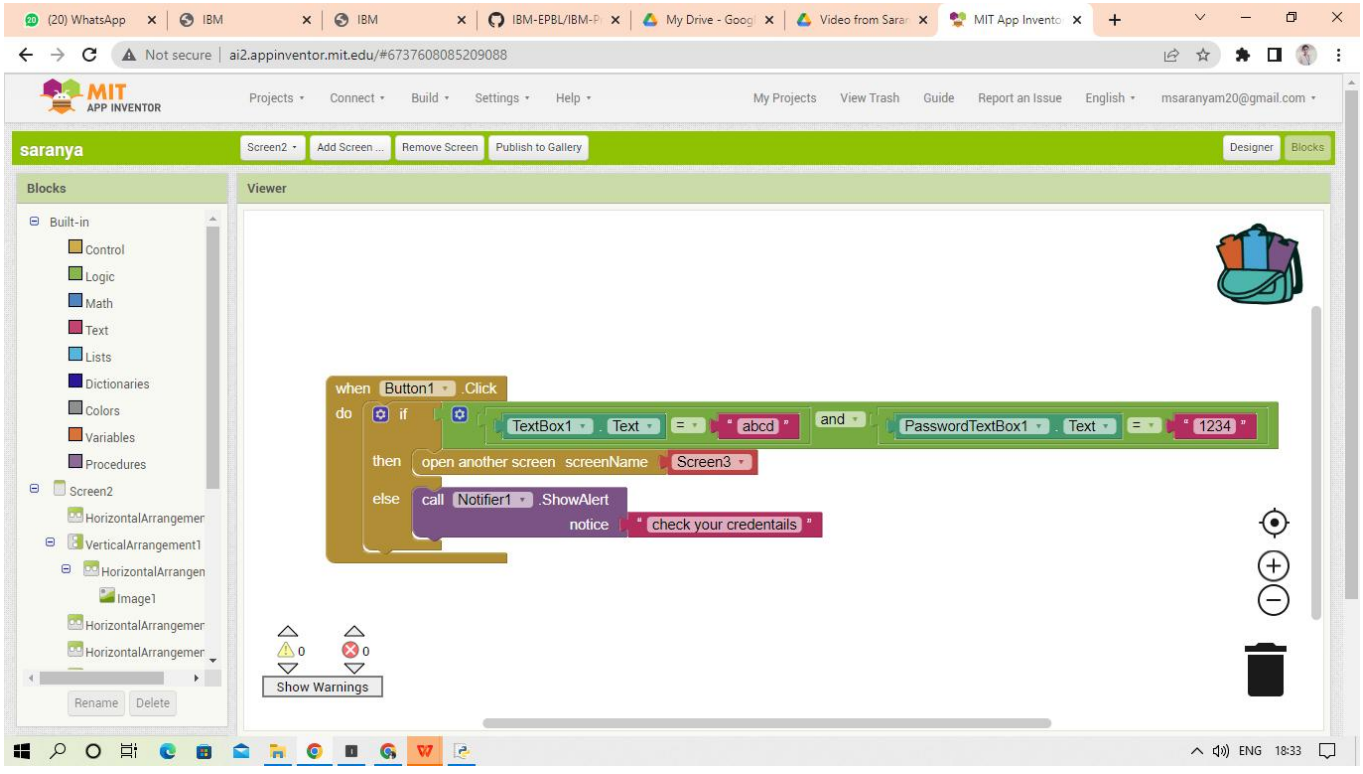
TEAM ID	PNT2022TMID41301
PROJECT NAME	Real-Time River Water Quality Monitoring and Control System

Building Mobile App

- we will build a basic mobile application to show the sensor data.
- Design UI to display the Water Turbidity, and pH values sensor values.
- the application to receive the data from the cloud.
- the mobile app to send commands to users using buttons.



7:32 PM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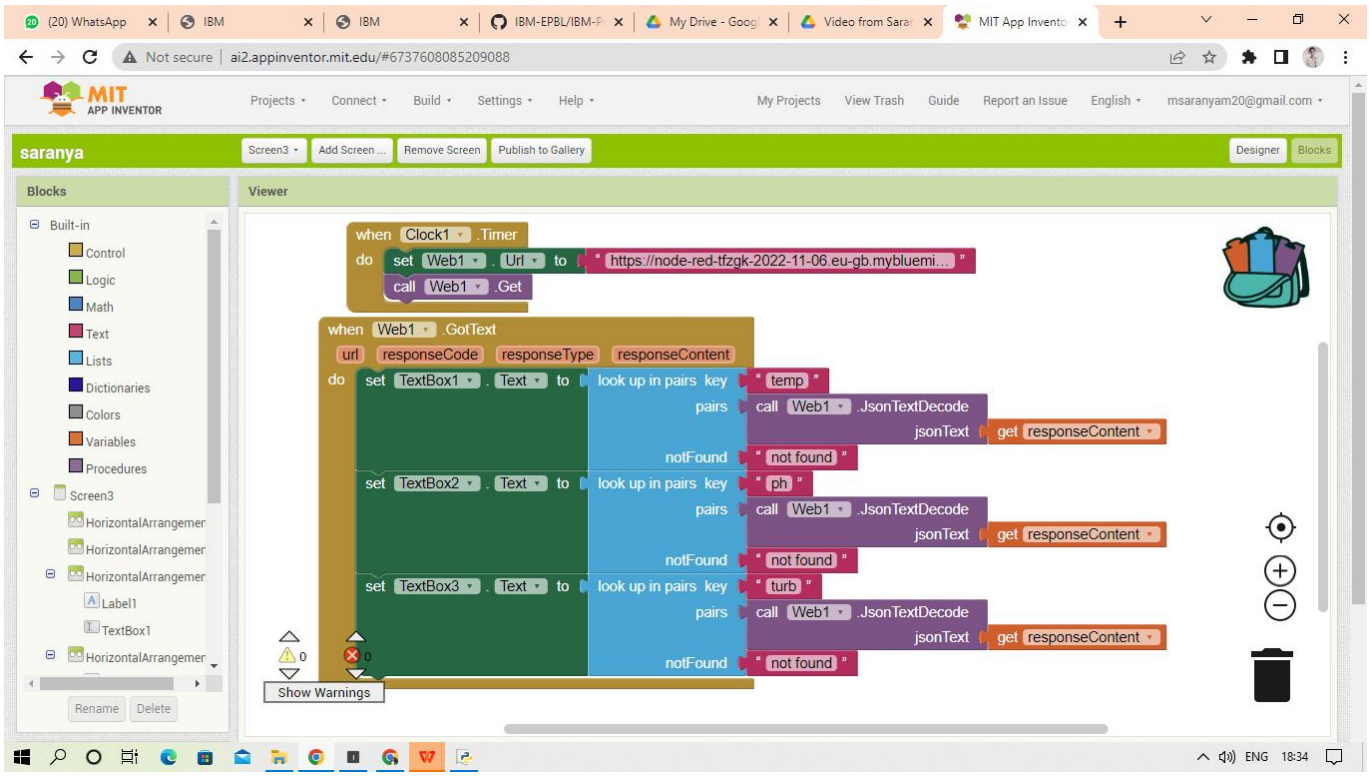
saranya
Screen2
Add Screen ...
Remove Screen
Publish to Gallery
Designer
Blocks
Blocks
Built-in
Control
Logic
Math
Text
Lists
Dictionaries
Colors
Variables
Procedures
Screen2
HorizontalArrangemer
VerticalArrangement1
HorizontalArrangen
Image1
HorizontalArrangemer
HorizontalArrangemer
Rename
Delete
Viewer
when Button1 .Click
do if TextBox1 . Text = " abcd " and PasswordTextBox1 . Text = " 1234 "
then open another screen screenName Screen3
else call Notifier1 .ShowAlert
notice " check your credentails "
0
0
Show Warnings
ENG
18:33

7:33 PM
Screen2
user name:
abcd
password:
submit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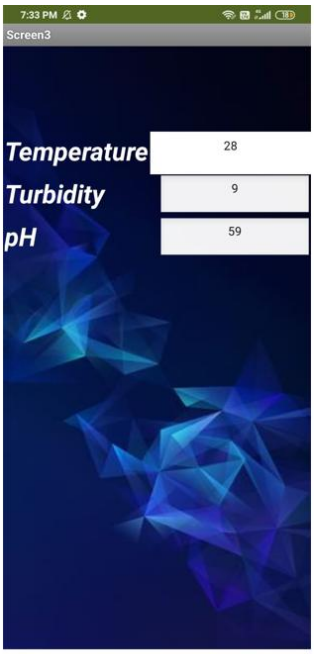
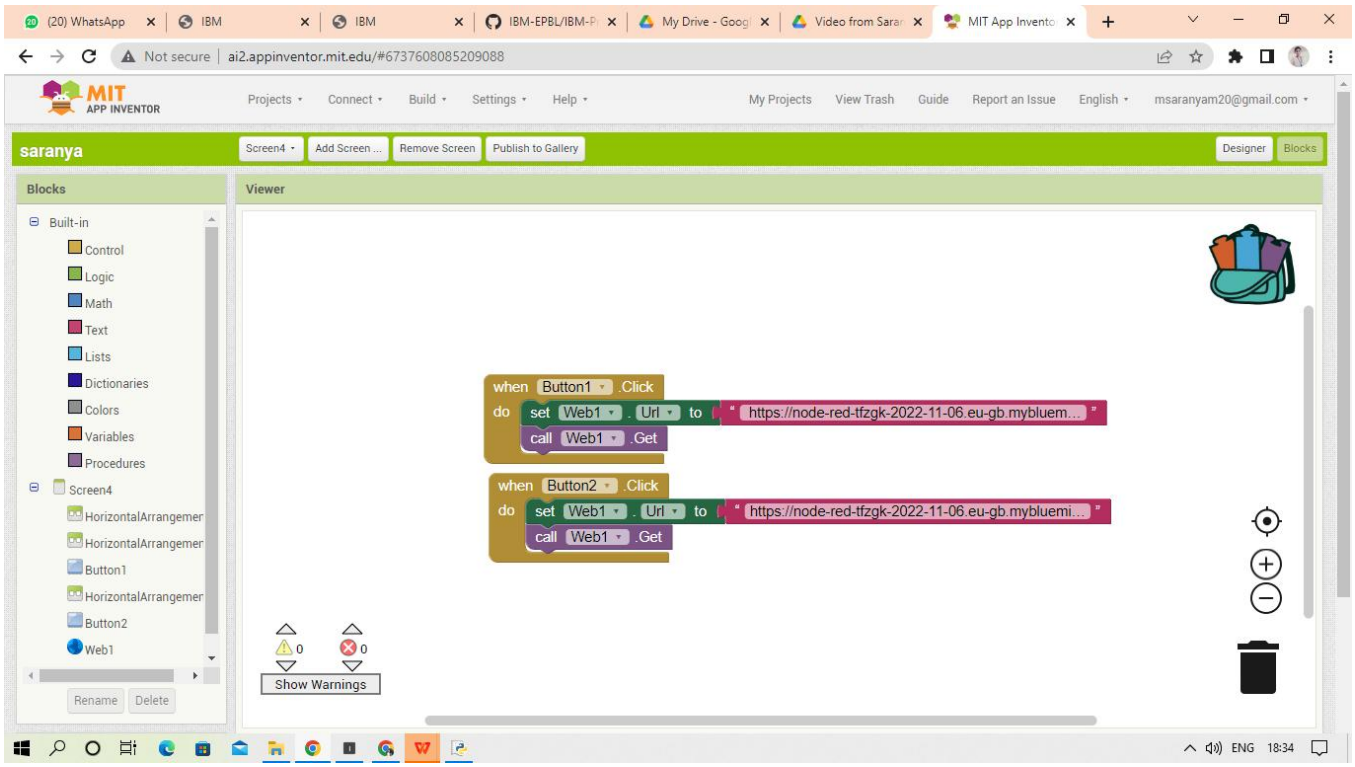
saranya
Screen3
Add Screen ...
Remove Screen
Publish to Gallery
Designer
Blocks
Viewer
when Clock1 .Timer
do set Web1 . Url to https://node-red-tfzgk-2022-11-06.eu-gb.mybluemi...
call Web1 .Get
when Web1 .GotText
url responseCode responseType responseContent
set TextBox1 . Text to look up in pairs key temp
pairs call Web1 .JsonTextDecode
jsonText get responseContent
notFound not found
set TextBox2 . Text to look up in pairs key ph
set TextBox3 . Text to look up in pairs key turb
Show Warnings


7:33 PM
Screen3
Temperature
28
Turbidity
9
pH
59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Add Screen ...
Remove Screen
Publish to Gallery
Designer
Blocks
Blocks
Viewer
Built-in
Control
Logic
Math
Text
Lists
Dictionaries
Colors
Variables
Procedures
Screen4
HorizontalArrangemer
HorizontalArrangemer
Button1
HorizontalArrangemer
Button2
Web1
Rename
Delete
when Button1 .Click
do set Web1 . Url to "https://node-red-tfzgk-2022-11-06.eu-gb.mybluem..."
call Web1 .Get
when Button2 .Click
do set Web1 . Url to "https://node-red-tfzgk-2022-11-06.eu-gb.mybluemi..."
call Web1 .Get
0
0
Show Warnings
ENG
18:34

7:33 PM
Screen4
MOTOR ON
MOTOR OFF