

Sprint-4

Date	15 November 2022
Team ID	PNT2022TMID47455
Project Name	Real Time River Water Quality Monitoring and Control System
Maximum Marks	20 marks

US-1: Create Web UI in Node-RED.

US-2: Configure the Node-RED flow to receive data from the IBM IoT Platform.

Designing blocks for the app using Node-RED App web url.

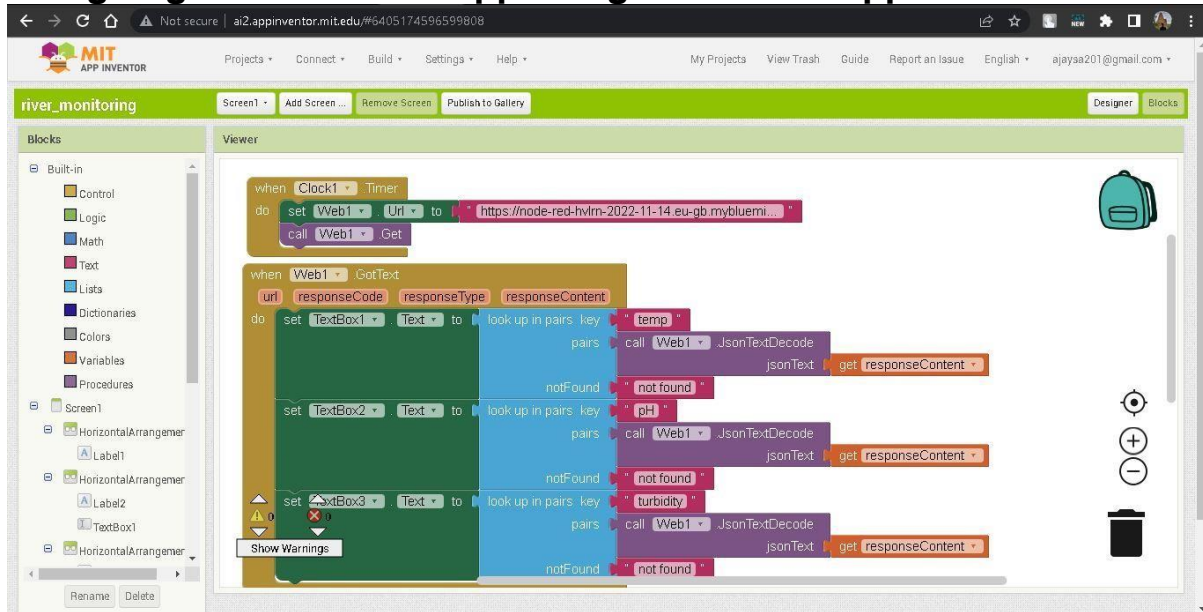


Fig 1

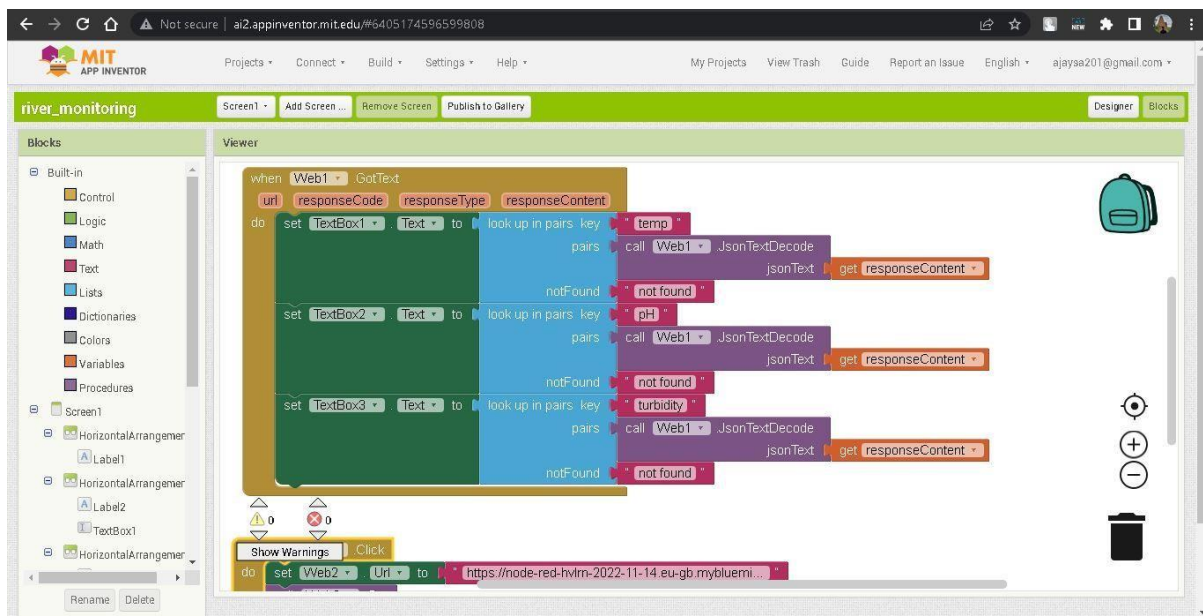


Fig 2

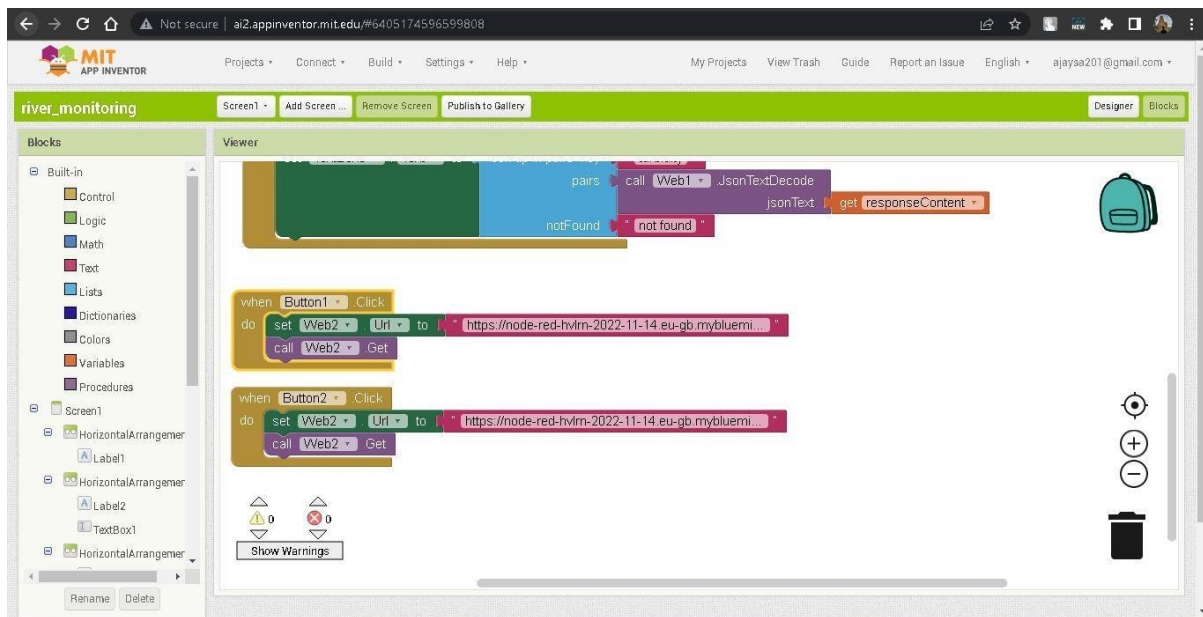


Fig 3

Generate QR code with AI Companion and scan the QR code using mobile (MIT App Inventor) app.

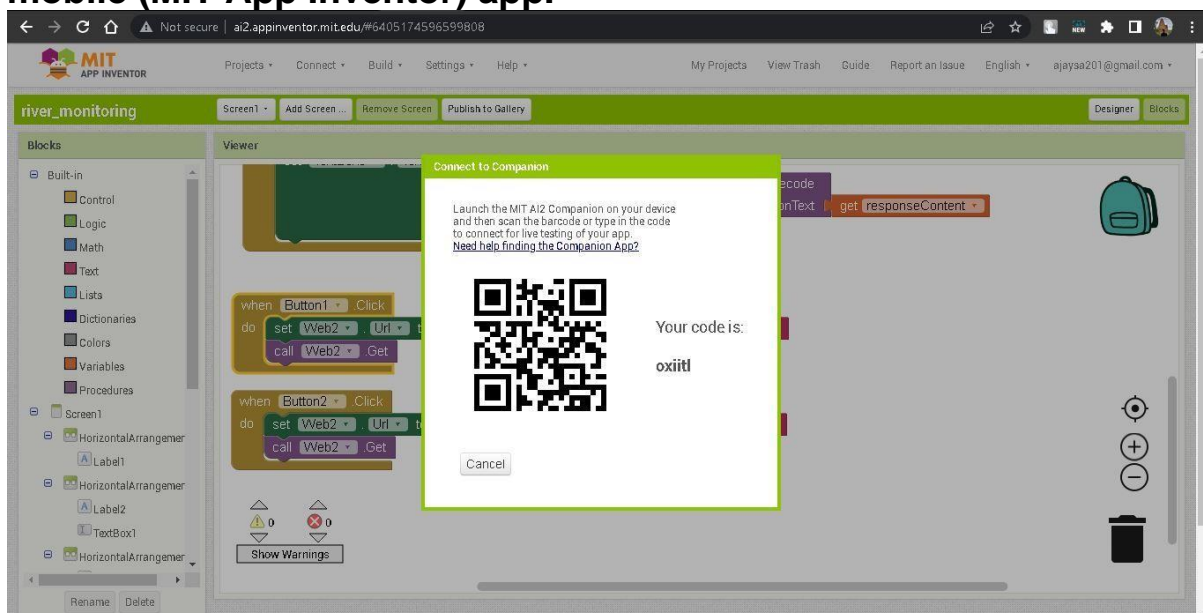


Fig 4

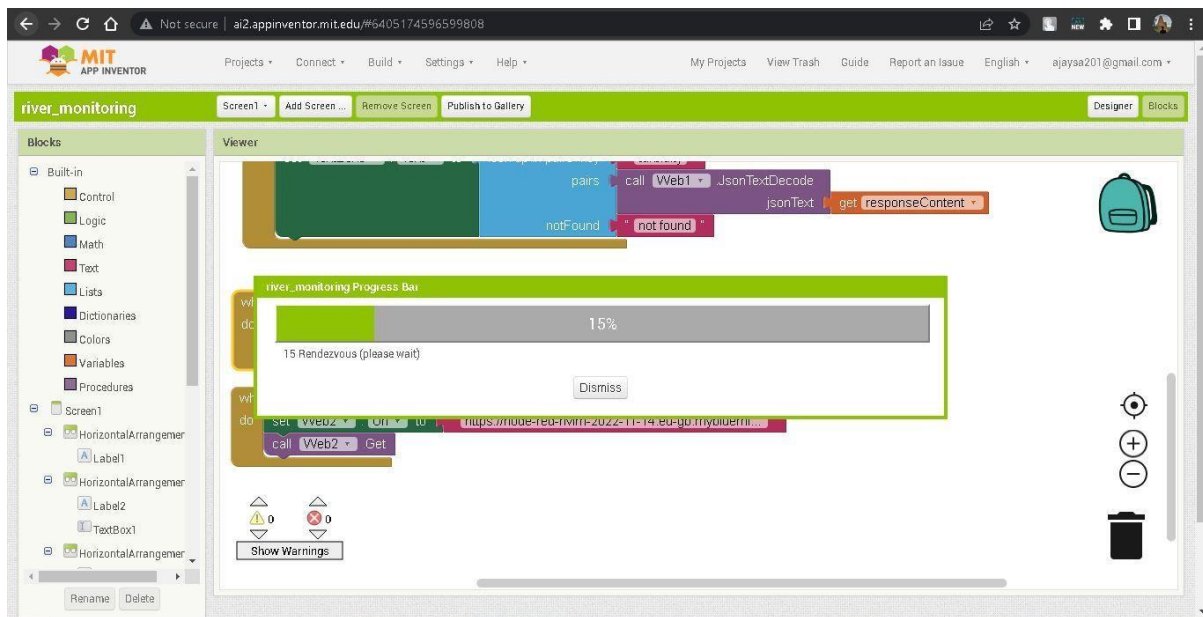


Fig 5

The data generated in the mobile app is ,

The screenshot shows the Twilio console interface. On the left is a sidebar with navigation links: 'Develop' (selected) and 'Monitor'. Under 'Develop', there are links for 'Studio', 'Functions and Assets', 'Phone Numbers', 'Messaging', and 'Voice'. Below these are 'Explore Products' and 'Docs and Support'. The main content area is titled 'Account Info' and contains three sections: 'Account SID' with the value 'AC674a168fa92e54f2830009d96f9676dc', 'Auth Token' with a masked value and a 'Show' button, and 'My Twilio phone number' with the value '+15133275826'. A warning message states: 'Always store your token securely to protect your account. Learn more'. At the bottom, a note says: 'You are on a trial account. You can only send messages and make calls to verified phone numbers. Learn more about your trial account'. On the right, a 'Helpful links' section includes links for 'How does Twilio work?', 'SMS Quickstart guides', and 'Support help center'.

DevelopMonitor

> Studio

> Functions and Assets

> # Phone Numbers

> Messaging

> Voice

Explore Products +

Docs and Support

<<

▼ Account Info

Account SID

AC674a168fa92e54f2830009d96f9676dc

Auth Token

.....

Show

⚠ Always store your token securely to protect your account. [Learn more](#)

My Twilio phone number

+15133275826

You are on a trial account. You can only send messages and make calls to [verified phone numbers](#). Learn more about your [trial account](#)

▼ Helpful links

[How does Twilio work?](#)

Understand how to use Twilio in a 2-minute video.

[SMS Quickstart guides](#)

Learn the basics of Twilio Messaging APIs.

[Support help center](#)

Troubleshoot common issues.

RECEIVE DATA FROM CLOUD AND DISPLAY IN MOBILE APP:

