

BUILDING MOBILE APP

Team ID	PNT2022TMID25961
Project Name	Real Time Water Quality Monitoring And Control System

Configure The Application to Receive the Data from Cloud

The screenshot displays the IBM App Inventor web interface. The top navigation bar includes the MIT App Inventor logo, a menu (Projects, Connect, Build, Settings, Help), and user information (My Projects, View Trash, Guide, Report an Issue, English, itzmearunon@gmail.com). Below the navigation bar, the interface is divided into three main sections: Blocks, Viewer, and a right-hand toolbar.

Blocks Section: The left sidebar shows a list of built-in blocks categorized into Control, Logic, Math, Text, Lists, Dictionaries, Colors, Variables, and Procedures. The 'Screen1' category is selected, showing various UI components like HorizontalArrangements, Image1, Label0, and Label1.

Viewer Section: The central workspace shows the visual representation of the app's logic. It contains four event-driven code blocks:

- when Clock1 -> Timer:** A block that triggers a sequence of actions: 'set Web1 -> Uri -> to' (with the URL 'http://169.51.206.101:32388/sensor') followed by 'call Web1 -> Get'.
- when Web1 -> GetText:** A block that triggers a sequence of actions: 'set Textbox1 -> Text -> to' (with the action 'look up in pairs key' and value 'id'), followed by 'set Textbox2 -> Text -> to' (with the action 'look up in pairs key' and value 'id'). This is followed by a 'look up in pairs key' block with value 'id', which then branches into two paths: one for 'not found' (leading to 'not found') and one for 'found' (leading to 'not found').
- when Button1 -> Click:** A block that triggers a sequence of actions: 'set Web1 -> Uri -> to' (with the URL 'http://169.51.206.101:32388/control?command=Moto') followed by 'call Web1 -> Get'.
- when Button2 -> Click:** A block that triggers a sequence of actions: 'set Web1 -> Uri -> to' (with the URL 'http://169.51.206.101:32388/control?command=Moto') followed by 'call Web1 -> Get'.

The right-hand toolbar contains icons for zooming in (+), zooming out (-), and a trash can icon.