

## CONFIGURE THE MOBILE APP FOR ALERTING USING BUTTONS

Team ID	PNT2022TMID46761
Project Name	Real-Time River Water Quality Monitoring and Control System

### BLOCKS FOR ALERT ON/OFF

The screenshot displays the MIT App Inventor web interface for a project named 'water\_quality'. The interface is divided into several sections:

- Top Bar:** Contains navigation links like 'Download', 'Chat with', 'IBM-Project', 'MIT App In', 'MIT App In', '(16) Whats', 'Create a w', 'Node-RED', '159.122.17', and a search icon.
- Project Bar:** Shows the project name 'water\_quality' and buttons for 'Screen3', 'Add Screen', 'Remove Screen', and 'Publish to Gallery'. It also includes a 'Designer' tab and a 'Blocks' tab.
- Blocks Panel:** Located on the left, it lists available components: Label3, HorizontalArrangement, Label4, Label5, HorizontalArrangement, Label6, Label7, HorizontalArrangement, Label8, HorizontalArrangement, Button1, Button2, Web1, Web2, and Clock1.
- Viewer Panel:** The main workspace on the right, showing the logic blocks for the app. The logic includes:
  - A 'look up in pairs' block with 'key' set to 'Turbidity' and 'pairs' set to 'Web1'. It is connected to a 'JsonTextDecode' block and a 'get responseContent' block.
  - A 'when Button1 Click' block that sets 'Web2 Uri' to 'http://159.122.175.32167/command?command=aler...' and calls 'Web2 Get'.
  - A 'when Button2 Click' block that also sets 'Web2 Uri' to the same URL and calls 'Web2 Get'.
- Bottom Bar:** Shows the project name 'Project-Report-PN....pdf' and a 'Show all' button. The Windows taskbar at the very bottom displays various application icons and the system clock showing 11:17 on 19-11-2022.

