

## Building Mobile App

### Configure the Application to Recieve the Data from Cloud

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The screenshot shows the MIT App Inventor web interface for a project named "riverqualityman". The interface is divided into three main sections: a left sidebar with a "Blocks" palette, a central workspace for code blocks, and a right sidebar with a "Viewer" pane.

The "Blocks" palette on the left lists various categories of blocks, including "Built-in", "Screen1", and "Media". The "Screen1" category is expanded, showing "HorizontalArrangement" blocks and "TextBox" blocks.

The central workspace displays two code blocks:

- A "when Clock1.Timer" block with a "do" loop containing:
  - A "set Web1.Uri to" block with the value "https://node-red-sockp-2022-11-11.eu-de.mybluemix.net/".
  - A "call Web1.Get" block.
- A "when Web1.GetText" block with a "do" loop containing:
  - A "set TextBox1.Text to" block followed by a "look up in pairs" block with key "temperature".
  - A "set TextBox2.Text to" block followed by a "look up in pairs" block with key "turbidity".
  - A "set TextBox3.Text to" block followed by a "look up in pairs" block with key "tds".
  - A "set TextBox4.Text to" block followed by a "look up in pairs" block with key "ph".

The "look up in pairs" blocks are configured to use the "Web1" web client and the "JsonTextDecode" response type. The "call Web1.JsonTextDecode" blocks are configured with "jsonText" and "get responseContent".

The right sidebar contains a "Viewer" pane with a "Designer" tab and a "Blocks" tab. The "Designer" tab is active, showing a visual representation of the app's layout. The "Viewer" pane also includes a "Show Warnings" button and a "Privacy Policy and Terms of Use" link.