

MIT APP LOGIC BLOCKS SECTION

The screenshot displays the MIT 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, crishna84@gmail.com). The main workspace is titled 'IOT_APP_WITH_LOGIN' and shows a 'Screen1' view. The left sidebar contains a 'Blocks' panel with categories: Built-in (Control, Logic, Math, Text, Lists, Dictionaries, Colors, Variables, Procedures), Screen1, VerticalArrangement2, VerticalArrangement1, Label1, Label2, TextBox1, PasswordTextBox1, Label3, and Media. The central 'Viewer' area shows a logic block diagram with the following components:

- when SIGN_UP_BUTTON Click**:
 - do: call FirebaseDB1 StoreValue (tag: TextBox1, valueToStore: PasswordTextBox1.Text)
- when LOGIN_BUTTON Click**:
 - do: call FirebaseDB1 GetValue (tag: TextBox1, valueIfTagNotThere: NA)
- when Clock1 Time**:
 - do: set Web1 Uri to https://node-red-luis-2022-11-05-eu-gb.myluemi...
- when Button3 Click**:
 - do: set VerticalArrangement2 Visible to false, set VerticalArrangement1 Visible to true, set TextBox1 Text to RE-ENTER CREDENTIALS, set PasswordTextBox1 Text to RE-ENTER CREDENTIALS, set Label2 Text to RE-ENTER CREDENTIALS
- when FirebaseDB1 GetValue**:
 - do: if tag == TextBox1.Text then if get value == PasswordTextBox1.Text then set VerticalArrangement2 Visible to true, set VerticalArrangement1 Visible to false, set Label2 Text to WRONG CREDENTIALS
- when Web1 GetText**:
 - do: set TextBox2 Text to look up in pairs key P1, call Web1 JsonTextDecodeWithDictionaries (pairs: call Web1 JsonTextDecodeWithDictionaries, jsonText: get responseContent), set TextBox3 Text to look up in pairs key Turbidity, call Web1 JsonTextDecodeWithDictionaries (pairs: call Web1 JsonTextDecodeWithDictionaries, jsonText: get responseContent), set TextBox4 Text to look up in pairs key Temperature, call Web1 JsonTextDecodeWithDictionaries (pairs: call Web1 JsonTextDecodeWithDictionaries, jsonText: get responseContent)

The bottom of the interface shows a 'Show Warnings' button and a 'Media' section with an 'Upload File...' button.