

SPRINT 2

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Team ID	PNT2022TMID43116
Project Name	SmartFarmer- IOT Enabled Smart Farming Application

IBM Watson Connection (Wet & Dry Soil)

The screenshot displays the IBM Watson IoT Platform interface. The top navigation bar includes 'Browse', 'Action', 'Device Types', and 'Interfaces'. A search bar is present with the text 'Search by Device ID'. The main content area shows details for a device with ID '123456', which is 'Disconnected' and of type 'grayscale'. Below this, a table lists recent events:

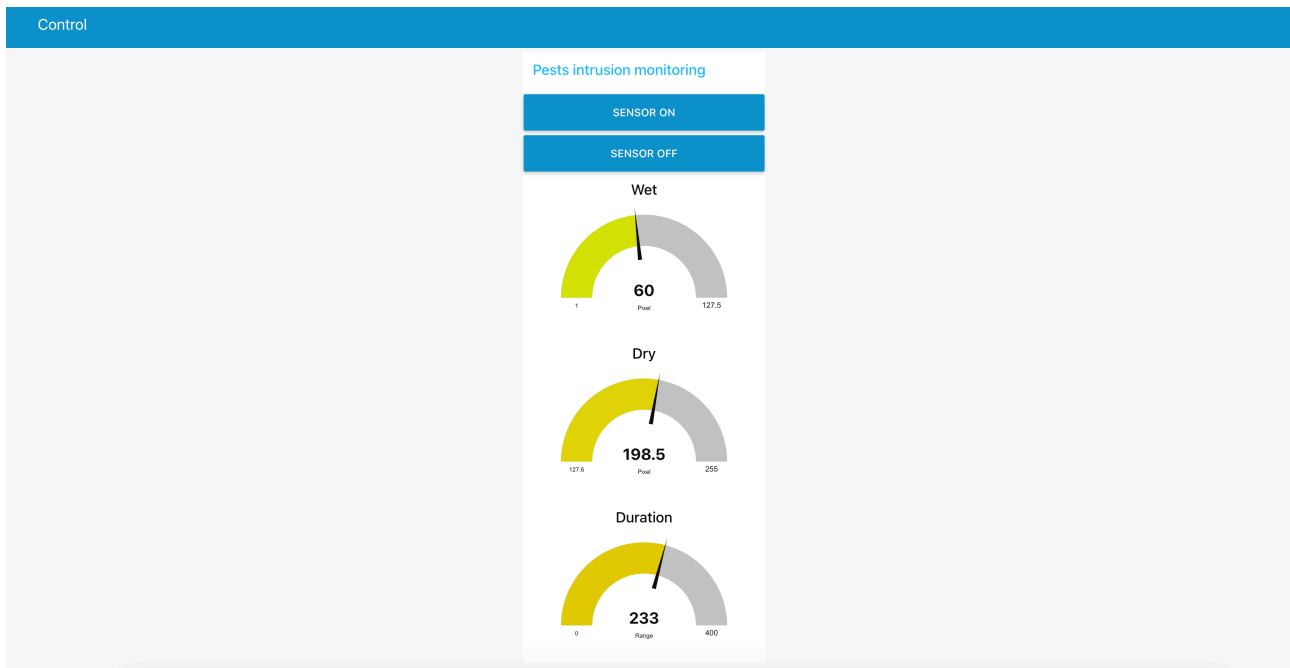
Event	Value	Format	Last Received
event_1	{"Wet":108.5,"Dry":166.5}	json	a few seconds ago
event_1	{"Wet":57.2,"Dry":131.9}	json	a few seconds ago
event_1	{"Wet":90.1,"Dry":165.1}	json	a few seconds ago
event_1	{"Wet":59.2,"Dry":237}	json	a few seconds ago
event_1	{"Wet":83.8,"Dry":186.5}	json	a few seconds ago

At the bottom, a status bar indicates '2 Simulations running'.

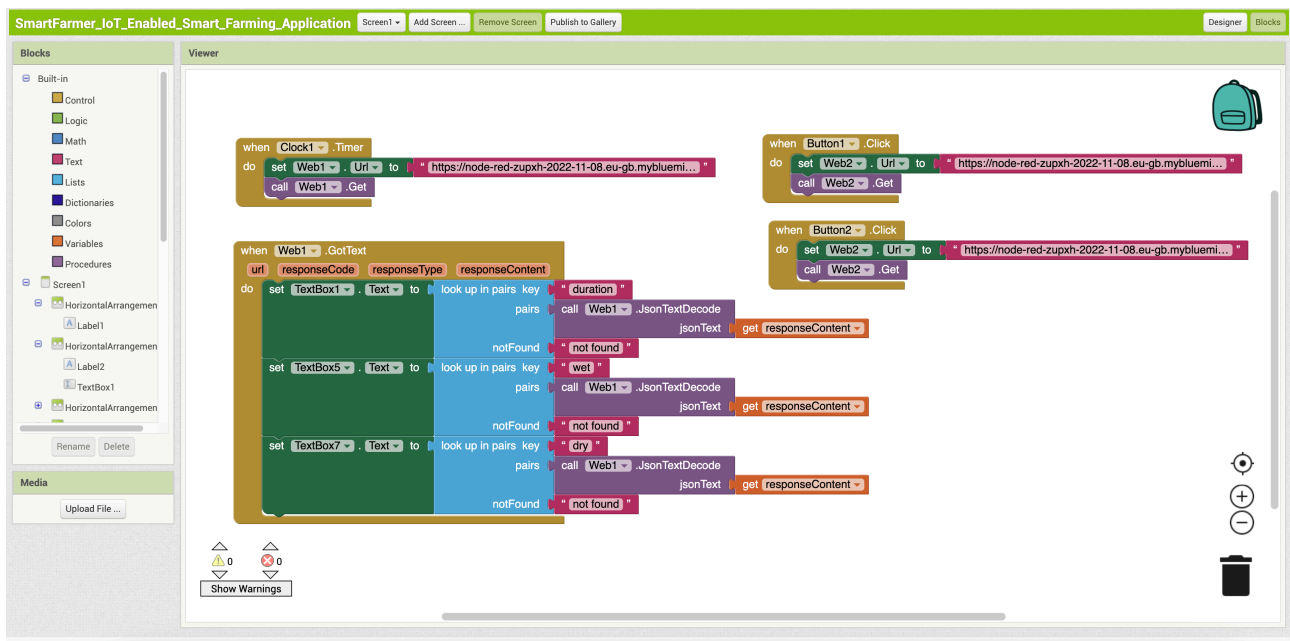
Flow Connection in Node red

The screenshot shows the Node-RED interface with a flow named 'Flow 2'. The flow starts with an 'IBM IoT' node (connected), which feeds into a 'msg.payload' node. This node then branches into two parallel paths: one labeled 'Wet' and another labeled 'Dry'. Each path contains a function node (represented by a box with 'f') and a corresponding output node ('Wet' and 'Dry' respectively). Below these, there is a 'sensor' node connected to a function node labeled 'abc', which then connects to an 'http' node. The right sidebar shows the 'debug' console with logs for the flow, including timestamps and payload details.

Node Red UI



Code block in MIT App



User interface in MIT App

