

BUILD A MOBILE APP USING MIT APP INVENTOR

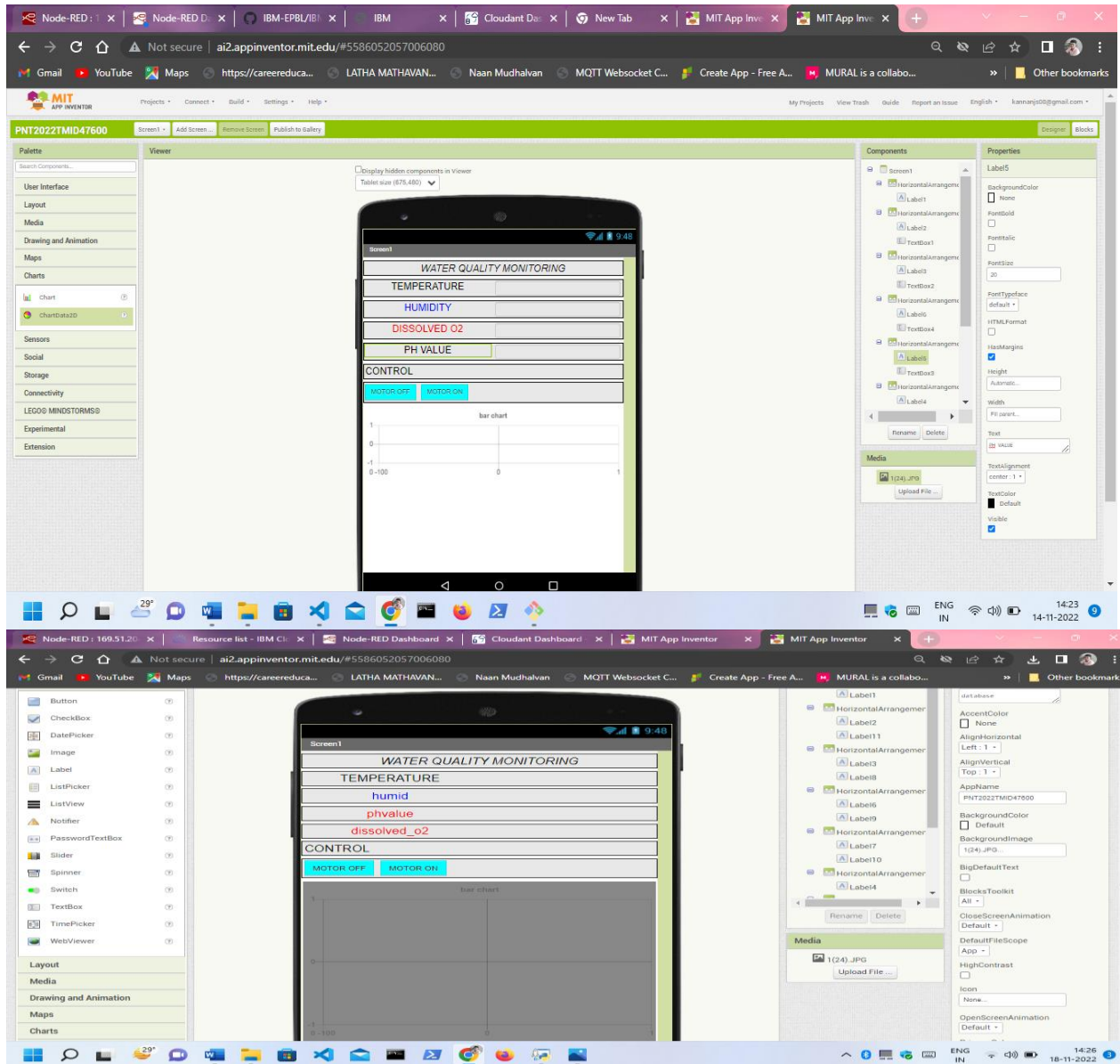
PROJECT

REAL TIME WATER QUALITY MONITORING AND CONTROL SYSTEM

TEAM ID

PNT2022TMID47600

Design the UI to display the water turbidity, PH values, Temperature, Humidity and dissolved oxygen content in the water using MIT app inventor



The screenshot displays the Cloudant Dashboard interface. At the top, there's a browser tab for 'Cloudant Dashboard' and a URL bar showing 'c4f124c0-83d5-4d80-859b-b7f87cdf3c7a-bluemix.cloudant.com/dashboard.html'. The main header area includes a 'Databases' title, a 'Database name' dropdown, and buttons for 'Create Database', 'JSON', and a book icon. Below this, a section titled 'Your Databases' contains a table with two databases: 'nodered' and 'sample'. The 'nodered' database is highlighted with a blue row. The table columns are 'Name', 'Size', '# of Docs', 'Partitioned', and 'Actions'. The 'Actions' column for each database contains three icons: a double arrow, a lock, and a trash can. At the bottom of the dashboard, it says 'Showing 1-2 of 2 databases. Databases per page 20'. The bottom of the image shows a Windows taskbar with various application icons and system information like '14:14 18-11-2022'.

| Name | Size | # of Docs | Partitioned | Actions |
|---------|-----------|-----------|-------------|---------|
| nodered | 37.3 KB | 4 | No | |
| sample | 214 bytes | 2 | No | |

GETTING TH USER DETAILS DIRECTLY IN THE WEB-UI

The screenshot displays the Cloudant Dashboard web interface in a browser. The address bar shows the URL: `c4f124c0-83d5-4d80-859b-b7f87cdf3c7a-blumix.cloudant.com/dashboard.html#database/sample/_all_docs`. The browser's tab bar includes several open tabs: "Node-RED: 169.51.204.237", "Resource list - IBM Cloud", "Node-RED Dashboard", and "Cloudant Dashboard - database/".

The dashboard interface features a left-hand navigation sidebar with icons for "All Documents", "Query", "Permissions", "Changes", and "Design Documents". The main content area is titled "sample" and includes a "Document ID" dropdown menu. Below the title, there are tabs for "Table", "Metadata", and "JSON", along with a "Create Document" button. The "JSON" tab is currently selected, displaying the details of a document with ID "04b93207e1746aedef6d3e01d9546870".

The document details are shown in a light blue box with a JSON payload:

```
{
  "id": "04b93207e1746aedef6d3e01d9546870",
  "key": "04b93207e1746aedef6d3e01d9546870",
  "value": {
    "rev": "1-9581cd53360617e929ef9310420e0e6b"
  },
  "doc": {
    "_id": "04b93207e1746aedef6d3e01d9546870",
    "_rev": "1-9581cd53360617e929ef9310420e0e6b",
    "payload": {
      "user id": "demo@gmail.com",
      "password": "demo123"
    },
    "socketid": "Aa0xu3JE0c-ym-dHAACV"
  }
}
```

Below the document details, there is a section for "Showing document 1 - 2." and a "Documents per page:" dropdown menu set to "20". The bottom of the screen shows a Windows taskbar with various application icons and a system clock indicating 14:15 on 18-11-2022.