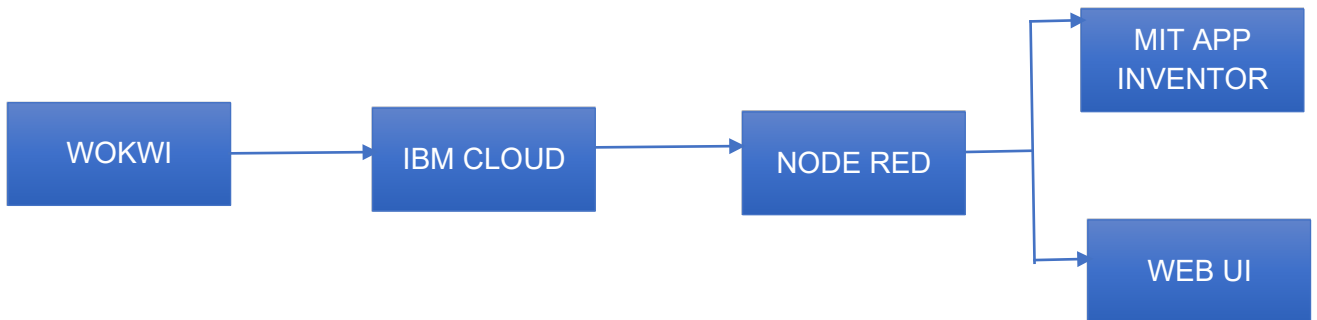


Project Development Phase
Sprint - 2

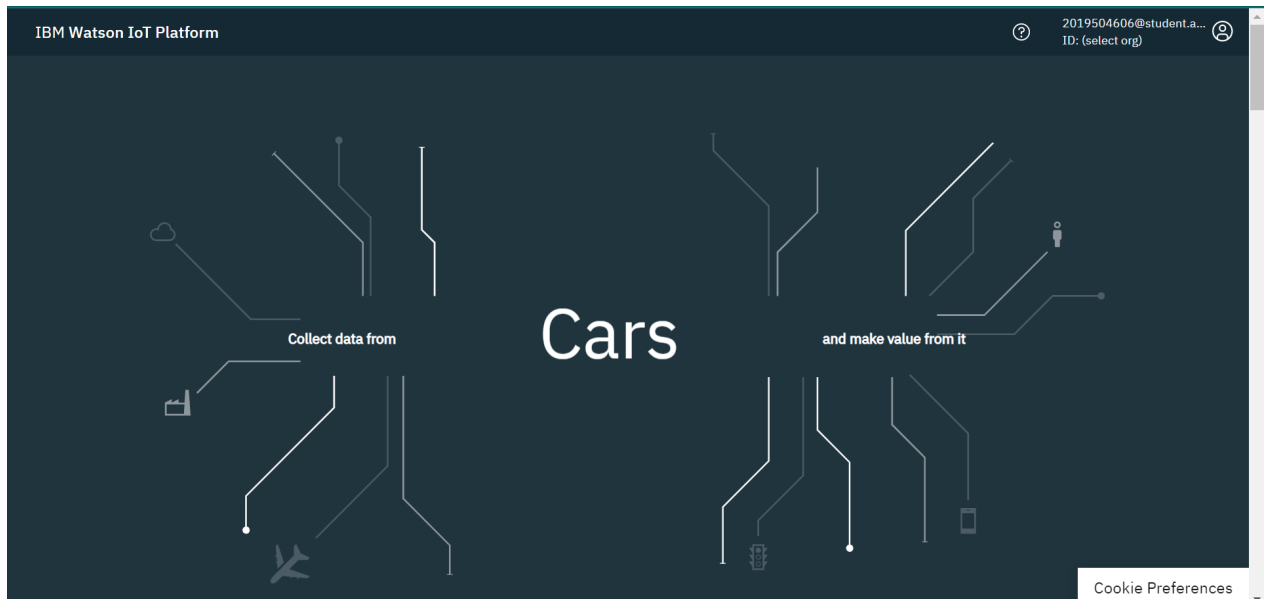
Date	7 November 2022
Team ID	PNT2022TMID35939
Project Name	Medicine Reminder
Maximum Marks	4 Marks

WORKFLOW:



Sprint 2 – We have included the IBM cloud and Node Red simulation

IBM Watson IOT Platform creation:



Device ID creation:

The image shows the IBM Watson IoT Platform dashboard with a sidebar on the left containing various icons. The main area displays a table of devices. The first device is highlighted with a blue row. Below the table, there is a detailed view of the selected device (Device ID 1234) under the "Identity" tab. The details include:

Device ID	Status	Device Type	Class ID	Date Added
1234	Disconnected	Nodemcu	Device	27 Oct 2022 15:25

Identity | Device Information | Recent Events | State | Logs

Device ID: 1234
Device Type: Nodemcu
Date Added: 27 Oct 2022 15:25
Added By: 2019504606@student.annauniv.edu
Connection Status: **Disconnected**
Last Connected: 18 Nov 2022 22:16
Client Address: 50.31.197.64 Insecure
Duration: a minute
Data Transferred: 842 B

Node red creation:

The screenshot displays the IBM Cloud console interface for a resource named "Node RED SERRZ 2022-11-12". The top navigation bar includes the IBM Cloud logo, a search bar, and links to "Catalog", "Manage", and "Prasanna A's Account". The main content area is divided into several sections:

- Details:** A table showing key information about the resource:

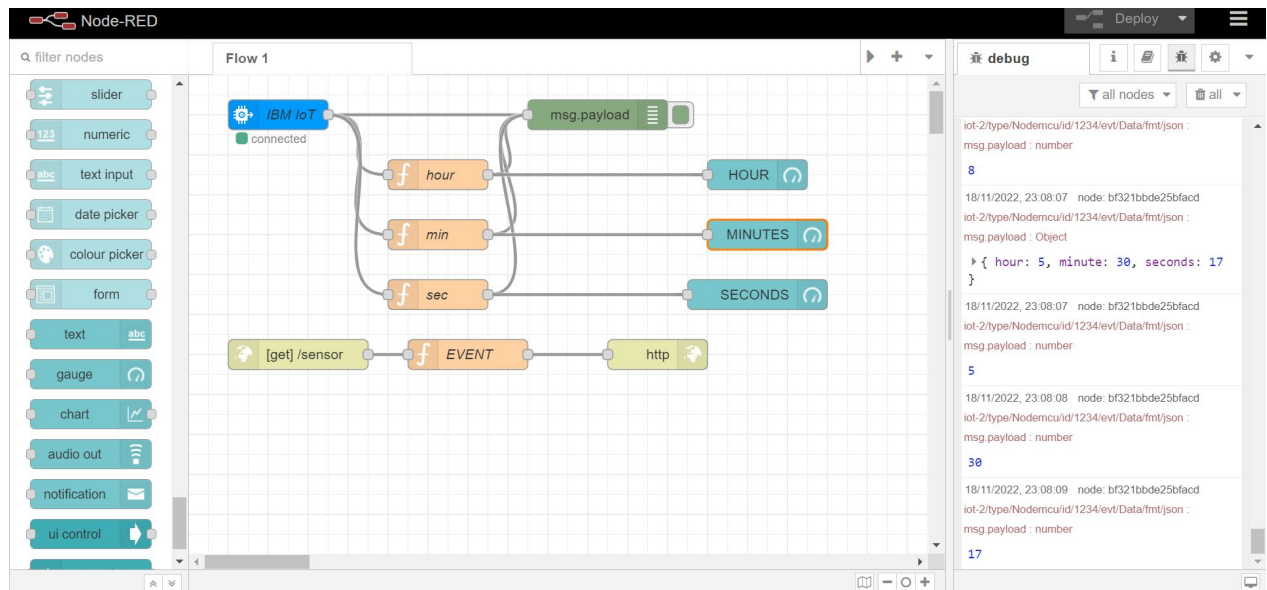
Property	Value
App URL	http://169.51.195.125:32143
Source	https://us-south.git.cloud.ibm.com/2019504047/NodeREDSERRZ2022-...
Resource group	Default
Deployment target	Kube/Helm
Created	11/12/2022
- Services:** A section for managing services, currently showing "Cloudant" with links to "Open dashboard", "Documentation", and "API reference". It also includes a "Credentials" dropdown and buttons for "Connect existing services" and "Create service".
- Deployment Automation:** A section showing deployment automation details, including "Name" (NodeREDSERRZ2022-11-12), "Location" (Dallas), and "Tool integrations" (represented by icons for GitHub, Jenkins, and others).
- Delivery Pipelines:** A section showing delivery pipelines, including "Name" (pr-pipeline), "Status" (No stages detected), and "ci-pipeline" with a "Success" status.

At the bottom, there is a "Getting started quickly" section and a "Configuring your app" section with a blue button labeled "ASK A QUESTION".

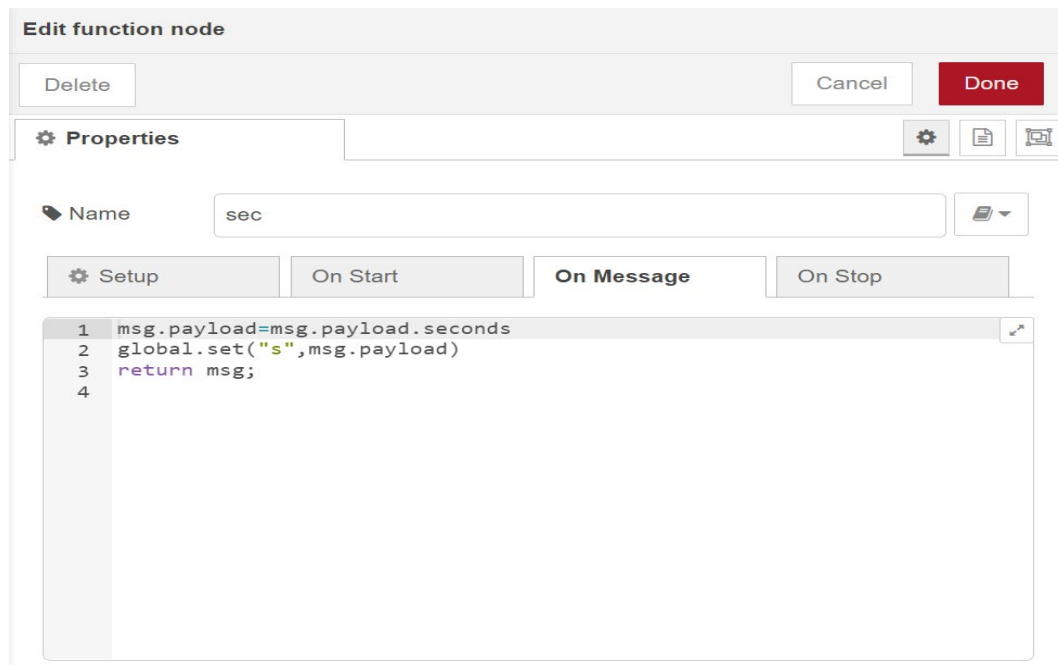
NODE RED FLOW(TESTING):

The screenshot shows the Node-RED web interface. The top bar includes the "Node-RED" logo and a "Deploy" button. The main workspace is divided into three tabs: "Flow 1", "Flow 5", and "Flow 6". The "Flow 1" tab is active, showing a simple flow with two nodes: a "Test" node (blue) and a "msg.payload" node (green). The "Test" node is connected to the "msg.payload" node. The left sidebar contains a "filter nodes" search bar and a list of nodes categorized under "common" and "function". The right sidebar shows a "debug" console with a log entry from 11/14/2022, 11:16:50 PM, indicating a successful message payload: "Welcome to node red".

MEDICINE REMINDER(NODE RED):



FUNCTION FOR SEC:



FUNCTION FOR EVENT:

Edit function node

Delete

Cancel

Done

Properties

Name

EVENT

▼

Setup

On Start

On Message

On Stop

1 msg.payload={ "hour":global.get("h"), "minute":global.get("mi"), "second":

2 return msg;

FUNCTION FOR MIN:

Edit function node

Delete

Cancel

Done

Properties

Name

min

Setup

On Start

On Message

On Stop

1 msg.payload=msg.payload.minute

2 global.set("mi",msg.payload)

3 return msg;

4

FUNCTION FOR HOUR:

Edit function node

Delete

Cancel

Done

Properties

Name

hour

Setup

On Start

On Message

On Stop

1 msg.payload=msg.payload.hour

2 global.set("h",msg.payload)

3 return msg;