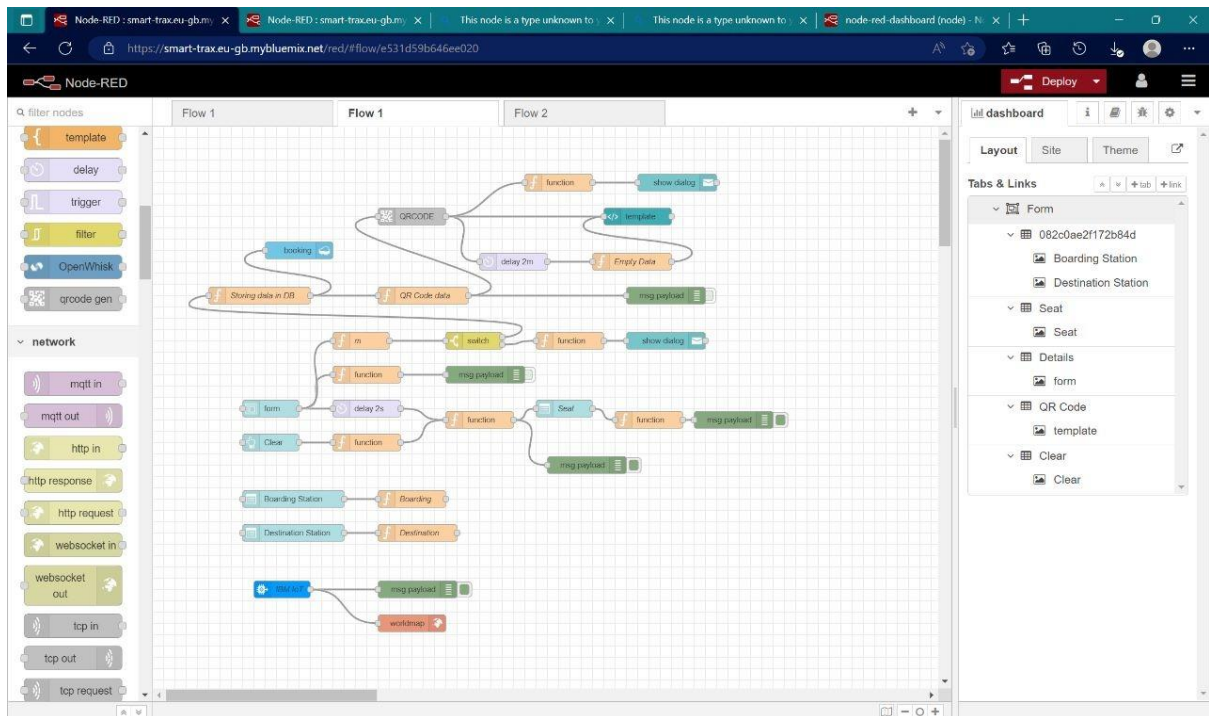
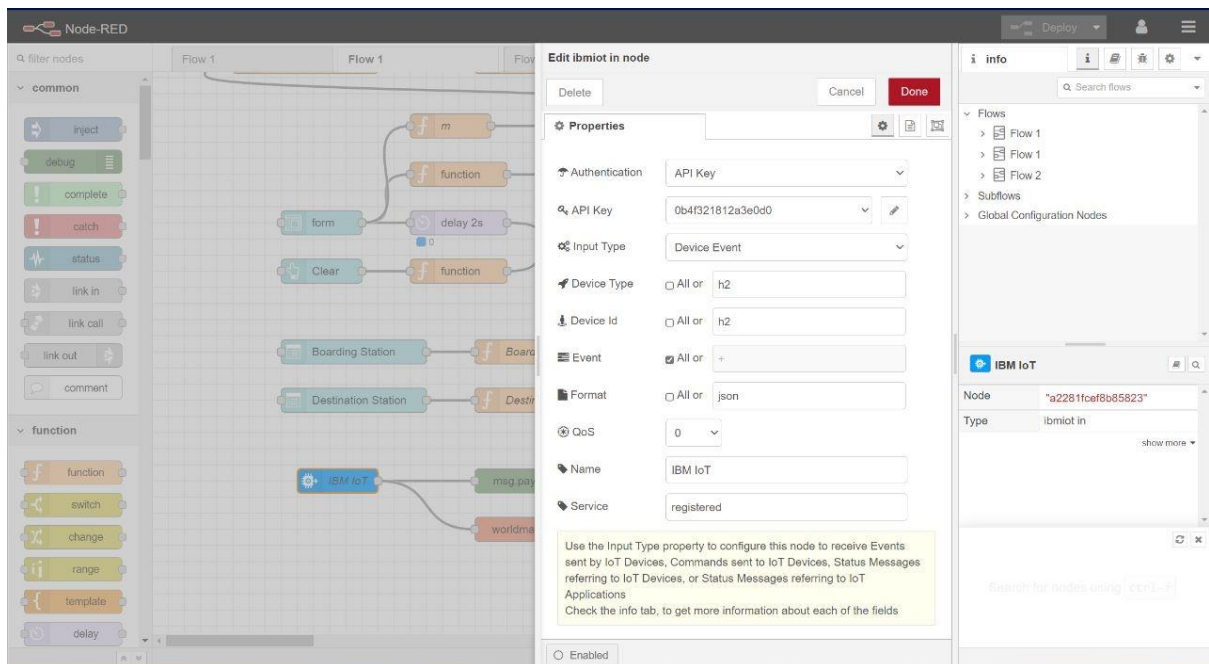


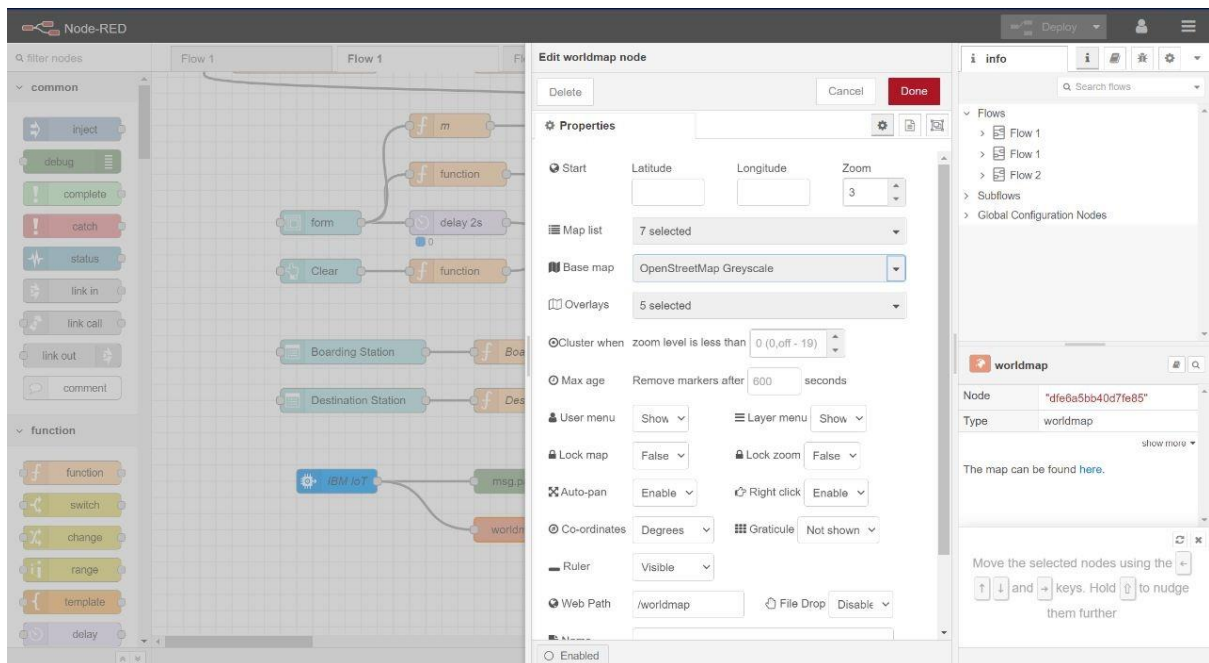
FLOWCHART



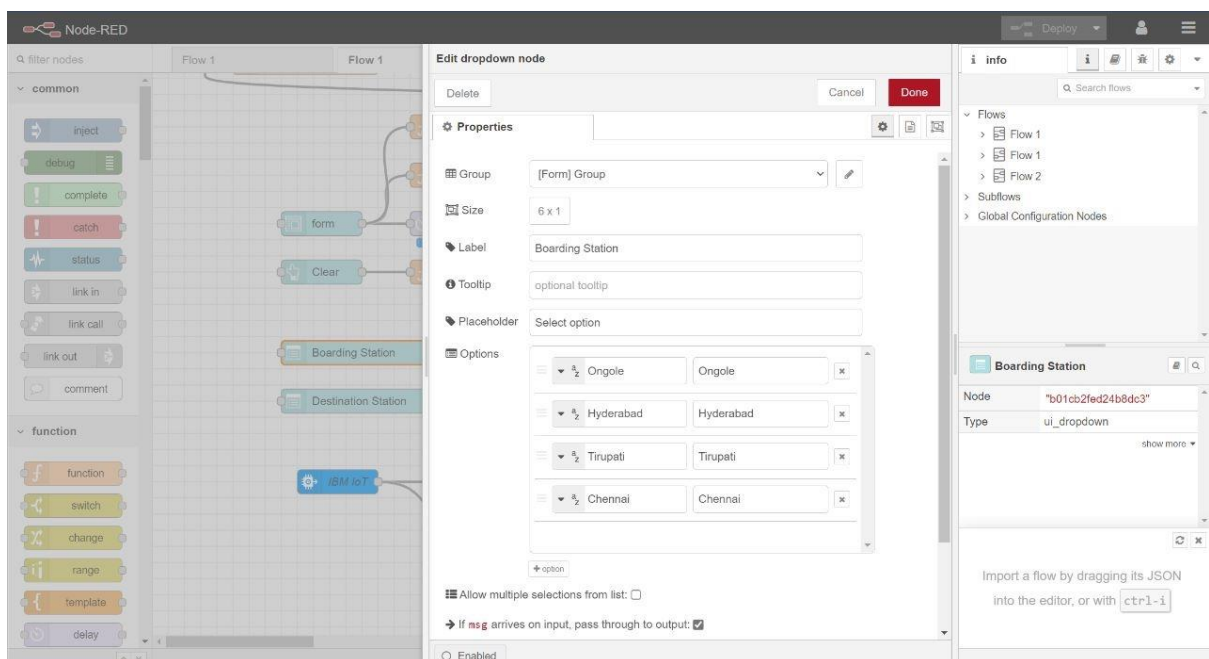
IBM IOT



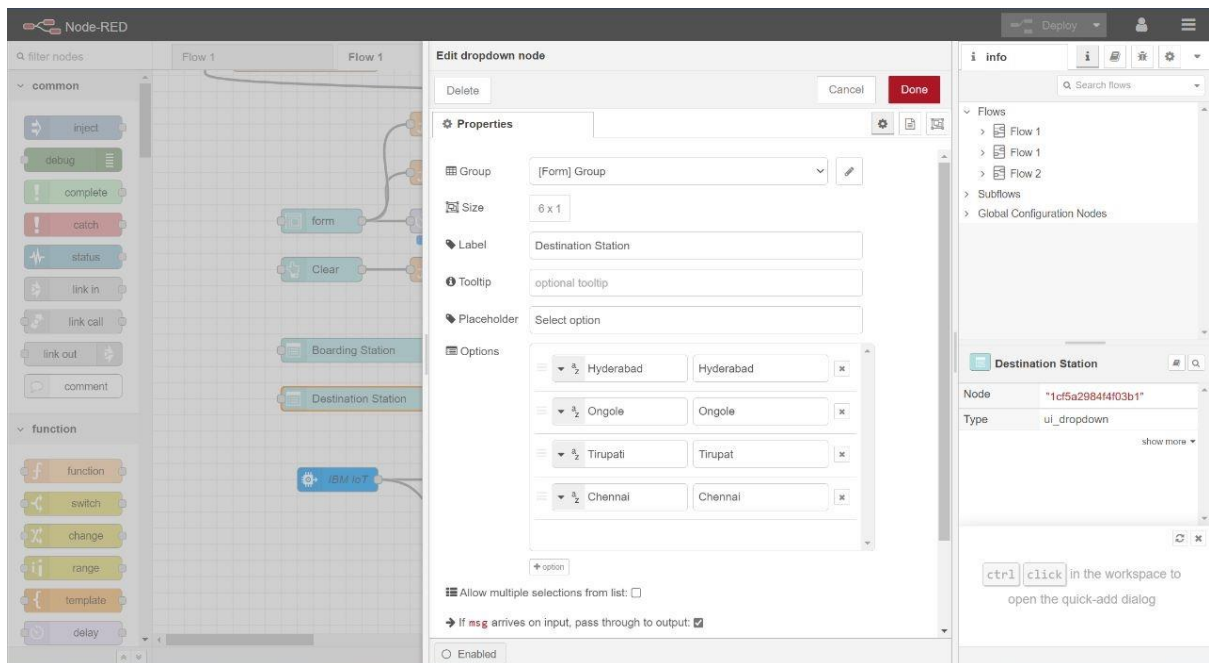
FOR WORLD MAP



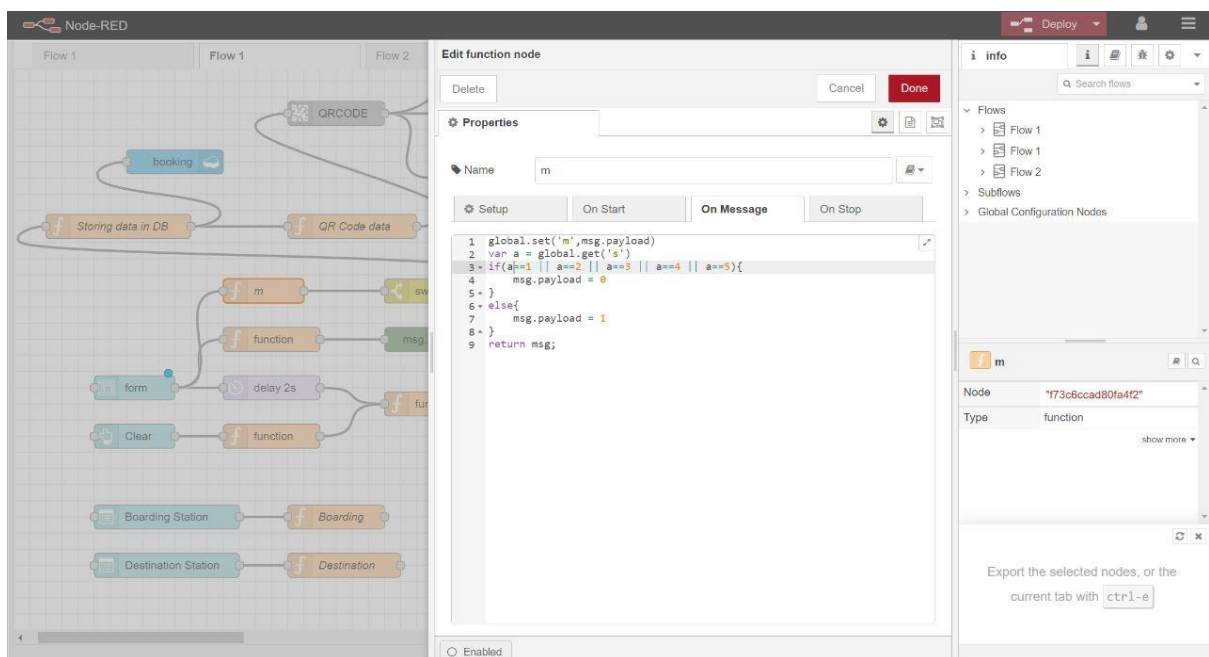
FOR BOARDING STATION



FOR DESTINATION



FUNCTION MODE



DELAY MODE

The screenshot shows the Node-RED web interface. On the left, a flow is visible with nodes including 'booking', 'Storing data in DB', 'QR CODE', 'QR Code data', 'delay 2m', 'form', 'Clear', 'Boarding Station', 'Destination Station', and several function nodes. The 'Edit delay node' panel is open in the center, showing the configuration for a delay node. The 'Action' is set to 'Delay each message', the 'Fixed delay' is '5' seconds, and the 'Name' is 'Name'. The right sidebar shows the 'info' panel with a search bar and a list of flows. Below the list, the details for a 'delay 2s' node are shown, including its ID and type.

Edit delay node

Delete Cancel Done

Properties

Action: Delay each message

Fixed delay: 5 Seconds

For: 5 Seconds

Name: Name

Info

Search flows

Flows

- Flow 1
- Flow 1
- Flow 2

Subflows

Global Configuration Nodes

delay 2s

Node: "64cf3399fcca9ab6"

Type: delay

show more

Dragging a node onto a wire will splice it into the link

Enabled

FOR STORING DATABASE

The screenshot shows the Node-RED web interface. On the left, a flow is visible with nodes including 'booking', 'Storing data in DB', 'QR CODE', 'QR Code data', 'form', 'Clear', 'Boarding Station', 'Destination Station', and several function nodes. The 'Edit function node' panel is open in the center, showing the configuration for a function node. The 'Name' is 'Storing data in DB'. The 'On Message' tab is selected, showing the following JavaScript code:

```
1 var msg=global.get('m')
2 var d=new Date();
3 var utc=d.getTime()+d.getTimezoneOffset()*60000;
4 var offset=5.5;
5 newDate=new Date(utc+(3600000*offset));
6 var n=newDate.toISOString()
7 var date=n.slice(0,10)
8 var time=n.slice(11,19)
9 var d=date+', '+time
10
11 msg.payload={
12   "id":d1,
13   "Name":m.Name,
14   "Age":m.Age,
15   "Mobile":m.Num,
16   "Gender":m.Gen,
17   "boarding":global.get('b'),
18   "destination":global.get('d'),
19   "Seat":global.get('s')
20 }
21 return msg;
```

The right sidebar shows the 'info' panel with a search bar and a list of flows. Below the list, the details for a 'Storing data in DB' function node are shown, including its ID and type.

Edit function node

Delete Cancel Done

Properties

Name: Storing data in DB

Setup On Start On Message On Stop

Info

Search flows

Flows

- Flow 1
- Flow 1
- Flow 2

Subflows

Global Configuration Nodes

Storing data in DB

Node: "f17bc5ef441df34a"

Type: function

show more

You can confirm your changes in the node edit tray with **ctrl+enter** or cancel them with **ctrl+escape**

Enabled

FOR BOOKING (OUTPUT)

The image shows the Node-RED web interface. On the left, a flow is visible with nodes including 'booking', 'Storing data in DB', 'QR CODE data', 'QR CODE', 'delay 2m', 'm', 'switch', 'function', 'msg.payload', 'form', 'delay 5s', 'Clear', 'Boarding Station', and 'Boarding'. On the right, the 'Edit cloudant out node' configuration panel is open. It has tabs for 'Delete', 'Cancel', and 'Done'. The 'Properties' section includes: Service (External cloudant or couchdb service), Server (Add new cloudant...), Database (booking), Operation (insert), and a checked option 'Only store msg.payload object?'. The Name field is empty. The right sidebar shows a list of flows and a detailed view of the 'booking' node, which is a 'cloudant out' node with ID 'a63359072eb73663'.

QR CODE GENERATOR

The image shows the Node-RED web interface. On the left, a flow is visible with nodes including 'booking', 'Storing data in DB', 'QR CODE data', 'QR CODE', 'delay 2m', 'm', 'switch', 'function', 'msg.payload', 'form', 'delay 5s', 'Clear', 'Boarding Station', 'Boarding', 'Destination Station', and 'Destination'. On the right, the 'Edit qrcode gen node' configuration panel is open. It has tabs for 'Delete', 'Cancel', and 'Done'. The 'Properties' section includes: Name (QR CODE), a checkbox for 'Show actionable string in Status (max 150 char)', Colors (Background and QRcode), and Type (Html-Link or Text). The 'Text or URL' field contains 'https://example.com'. The right sidebar shows a list of flows and a detailed view of the 'QR CODE' node, which is a 'qrcode-generator' node with ID '771e00ab9c084301'.

FUNCTION NODE TEMPLATE

The screenshot displays the Node-RED web interface. On the left, a flow diagram is visible with nodes including 'booking', 'Storing data in DB', 'QR CODE', 'QR Code data', 'delay 2m', 'form', 'm', 'switch', 'function', 'msg.payload', 'delay 5s', 'Clear', 'Boarding Station', and 'Boarding'. On the right, the 'Edit template node' dialog is open, showing the following configuration:

- Template type:** Widget in group
- Group:** (Form) QR Code
- Size:** 5 x 5
- Class:** Optional CSS class name(s) for widget
- Name:** Name
- Template:**

```
1 <img src={{msg.payload}} />
```
- Options:**
 - ☒ Pass through messages from input.
 - ☒ Add output messages to stored state.
 - ☒ Reload last value on refresh.
- Enabled:** ☐ Enabled

The right sidebar shows the 'info' panel with a search bar and a list of flows and subflows. Below the sidebar, a note indicates that pressing 'ctrl+space' will toggle the view of this sidebar.