

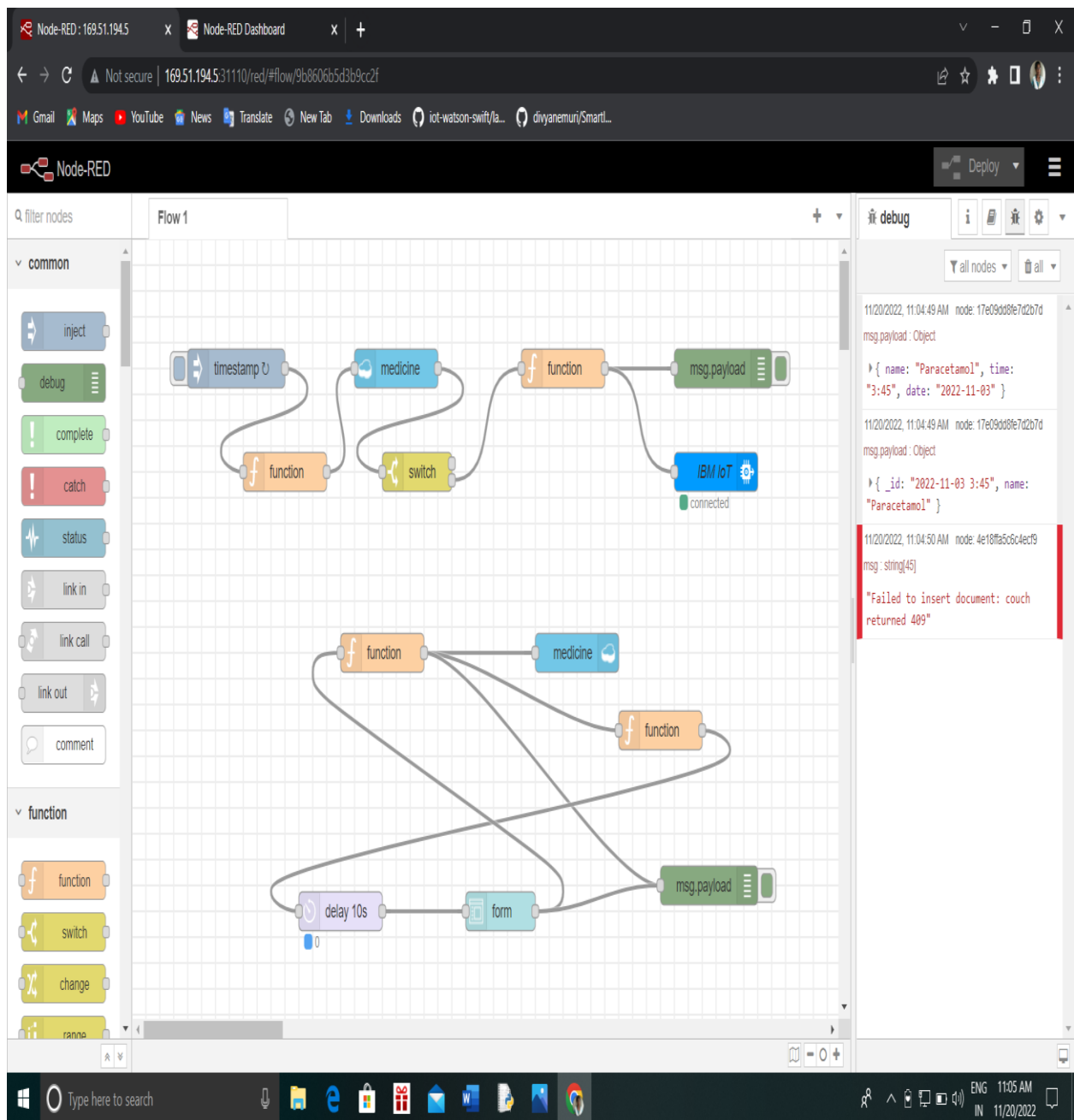
## WRITE A FUNCTION TO COMPARE THE TIME

Date	19 November 2022
Team ID	PNT2022TMID40129
Project Name	Project - Personal Assistance for Seniors who are Self Reliant.

### CODE:

```
var d = new.Date();
var utc = d.getTime() + (d.getTimezoneOffset() * 60000);
var offset = 5.5;
newDate = new Date(utc + (3600000*offset))
var n = newDate.toISOString()
var date = n.slice(0,10)
var time = n.slice(11,16)
global.set('time',time)
msg.payload = date+""+time
return msg;
```

## BLOCK FLOW IN NODE-RED:



## FUNCTION TO COMPARE TIME:

The screenshot displays the Node-RED web interface in a browser. The main workspace shows a flow with a 'timestamp' node connected to a 'function' node, which is then connected to a 'delay 10s' node. The 'function' node is selected, and its configuration panel is open on the right. The configuration panel includes a 'Name' field, a 'Properties' section, and a 'Code' editor. The code in the editor is as follows:

```
1 var d = new Date();
2 var utc = d.getTime() + (d.getTimezoneOffset() * 60000);
3 var offset = 5.5;
4 newDate = new Date(utc + (3600000*offset));
5 var n=newDate.toISOString()
6 var date = n.slice(0,10)
7 var time = n.slice(11,16)
8 global.set('time',time)
9 msg.payload=date+" "+time
10 return msg;
```

The configuration panel also shows a 'Setup' section with a 'Name' field and a 'Properties' section with a 'Name' field. The 'Code' editor is set to 'On Message' mode. The interface includes a sidebar with various nodes and a dashboard on the right.

## MEDICINE NAME, DATE AND TIME STORED IN CLOUDANT-DB:

The screenshot shows the Cloudant Dashboard interface. The breadcrumb navigation indicates the document path: **medicine > 2022-11-03 3:45**. The document is displayed in a JSON format, showing the following fields:

```
{
  "_id": "2022-11-03 3:45",
  "_rev": "1-393a924925b0cac73def2a1da56c828a",
  "name": "Paracetamol"
}
```

The interface includes a left sidebar with navigation icons, a top bar with document actions (Save Changes, Cancel, Upload Attachment, Clone Document, Delete), and a bottom status bar showing the system time as 2:22 PM on 11/20/2022.

The screenshot shows the Cloudant Dashboard interface. The breadcrumb navigation indicates the document path: **medicine > 2022-11-20 10:00**. The document is displayed in a JSON format, showing the following fields:

```
{
  "_id": "2022-11-20 10:00",
  "_rev": "1-f4eaabdd1ecf076b2e21b1c1e543f103",
  "name": "Acelock"
}
```

The interface includes a left sidebar with navigation icons, a top bar with document actions (Save Changes, Cancel, Upload Attachment, Clone Document, Delete), and a bottom status bar showing the system time as 2:22 PM on 11/20/2022.