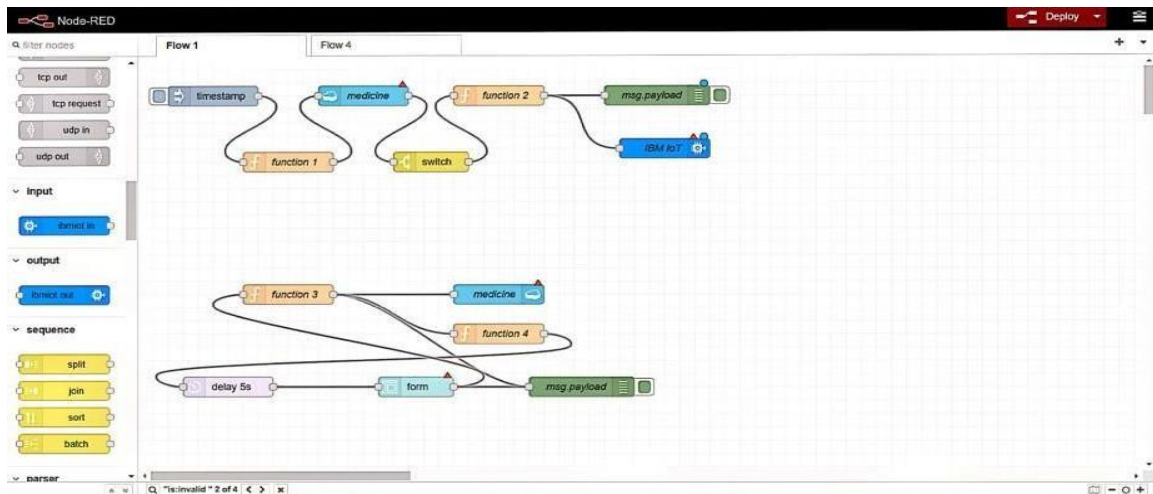


# Sprint – 3

## Personal Assistance for Seniors Who Are Self-Reliant.

### PNT2022TMID36322

#### NODE-RED DESIGN WITH FORM NODE:



#### STEPS TO ADD INPUT FORM TO UI:

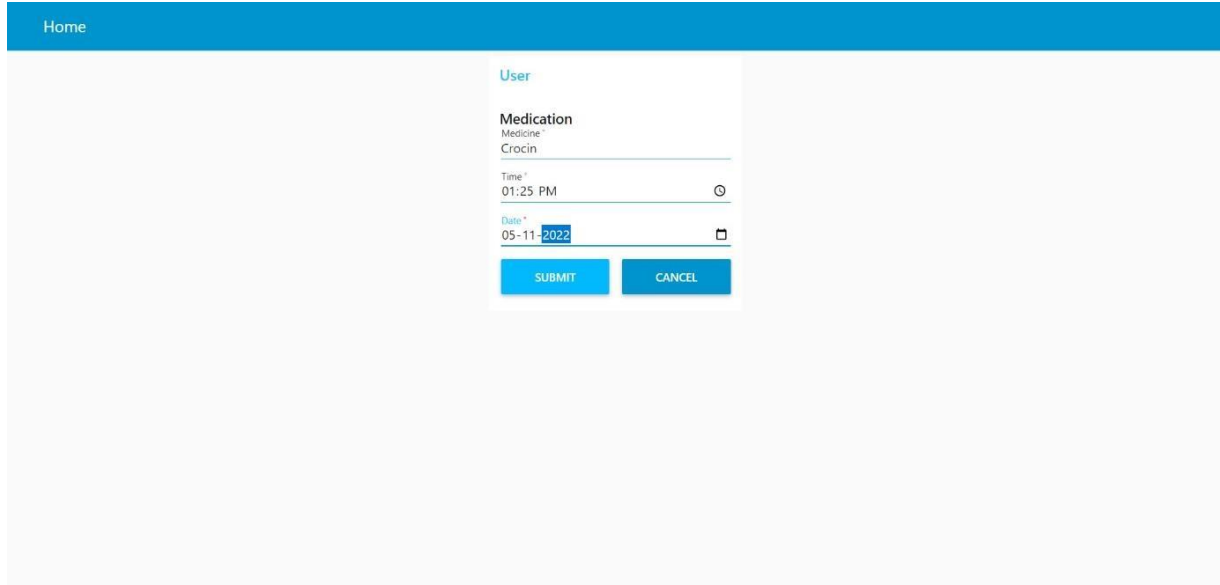
- 1) Configure the UI input form
- 2) Create a group with the name user
- 3) Add a tab with the name Home and press add
- 4) Press add
- 5) Give the UI from a name Insert a new User and add the input fields for medicinename, time and date
- 6) Add a function node and insert code and wire the nodes
- 7) Open in a new browser tab [https://\[your-host\]/ui/](https://[your-host]/ui/)
- 8) Insert required details and press submit
- 9) Now wire the function as input for the database as shown in about layout
- 10) Press Deploy.

#### RUN AND CLICK URL:

The screenshot shows the 'Home' tab in the UI. It features a form titled 'User' with a sub-header 'Medication'. Below this, there are three input fields: 'Medicine \*', 'Time \*', and 'Date \*'. Each field has a small icon to its right (a magnifying glass for Time and a calendar for Date). At the bottom of the form, there are two buttons: 'SUBMIT' and 'CANCEL'.

## WEB UI INTERFACE FOR USERS:

In the below image, depicts the web UI interface or web application for users to enter their medication details like name, date and time.



The screenshot shows a web application with a blue header bar labeled "Home". Below the header, there is a form titled "User" in a light blue box. The form contains the following fields:

- Medication**: A text input field with the value "Crocin".
- Time**: A time picker field showing "01:25 PM".
- Date**: A date picker field showing "05-11-2022".

At the bottom of the form, there are two buttons: "SUBMIT" and "CANCEL".

On clicking submit the details will be saved in the Cloudant database and will be accessed by function nodes used in the node red design.

Upon comparison with time specified in function node the apt medicine name in the text format is passed on to the Text-To-Speech service (Implementation is available in sprint 1).

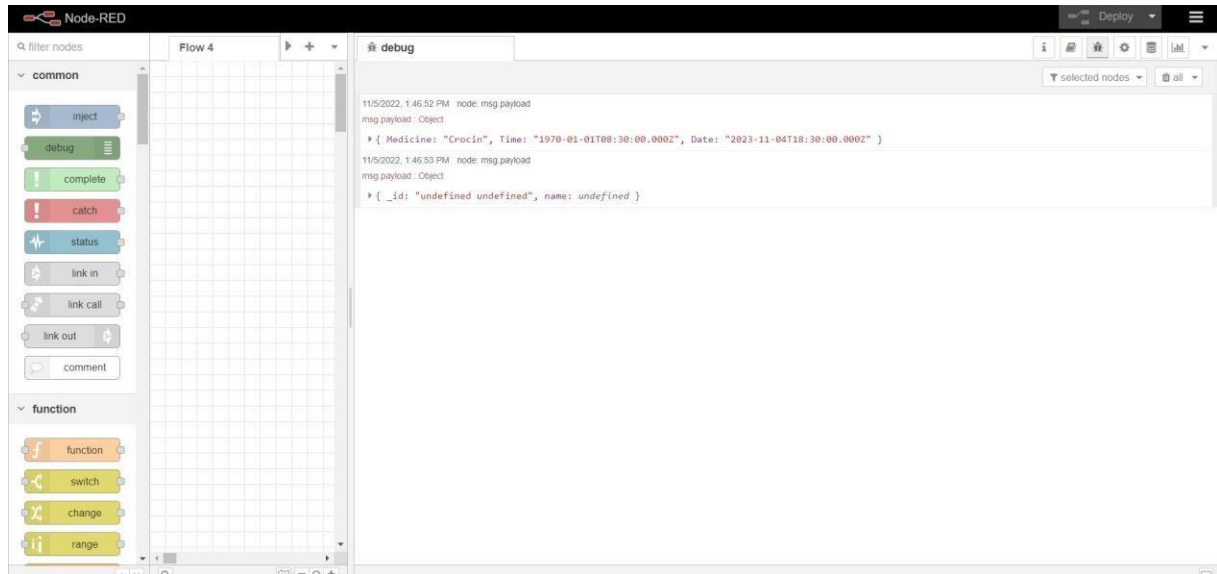
## DEBUG IN NODE-RED COMMAND PROMPT:



The screenshot shows a Node-RED debug console with the following log messages:

```
Nov 13:34:35 - [info] Stopped flows
Nov 13:34:35 - [info] Updated flows
Nov 13:34:35 - [info] Starting flows
Nov 13:34:35 - [info] Started flows
Nov 13:35:14 - [info] [debug:msg.payload]
{
  Medicine: 'Crocin',
  Time: '1970-01-01T08:10:00.000Z',
  Date: '2022-11-04T18:30:00.000Z'
}
Nov 13:35:14 - [info] [debug:msg.payload]
{ _id: 'undefined undefined', name: undefined }
Nov 13:41:44 - [info] Stopping flows
Nov 13:41:44 - [info] Stopped flows
Nov 13:41:44 - [info] Updated flows
Nov 13:41:44 - [info] Starting flows
Nov 13:41:44 - [info] Started flows
Nov 13:42:40 - [info] [debug:msg.payload]
{
  Medicine: 'Crocin',
  Time: '1970-01-01T08:10:00.000Z',
  Date: '2022-11-04T18:30:00.000Z'
}
Nov 13:42:40 - [info] [debug:msg.payload]
{ _id: 'undefined undefined', name: undefined }
Nov 13:43:26 - [info] Stopping flows
Nov 13:43:26 - [info] Stopped flows
Nov 13:43:26 - [info] Updated flows
Nov 13:43:26 - [info] Starting flows
Nov 13:43:26 - [info] Started flows
Nov 13:43:55 - [info] [debug:msg.payload]
{
  Medicine: 'sjsj',
  Time: '1970-01-01T06:53:00.000Z',
  Date: '2022-02-11T18:30:00.000Z'
}
Nov 13:43:55 - [info] [debug:msg.payload]
{ _id: 'undefined undefined', name: undefined }
Nov 13:46:16 - [info] Stopping flows
Nov 13:46:16 - [info] Stopped flows
Nov 13:46:16 - [info] Updated flows
Nov 13:46:16 - [info] Starting flows
Nov 13:46:16 - [info] Started flows
Nov 13:46:52 - [info] [debug:msg.payload]
{
  Medicine: 'Crocin',
  Time: '1970-01-01T08:30:00.000Z',
  Date: '2023-11-04T18:30:00.000Z'
}
```

## DEBUG IN NODE-RED PLATFORM:



The above image indicates that the details has been saved in the database and readilyavailable for accessibility through the node-red service.