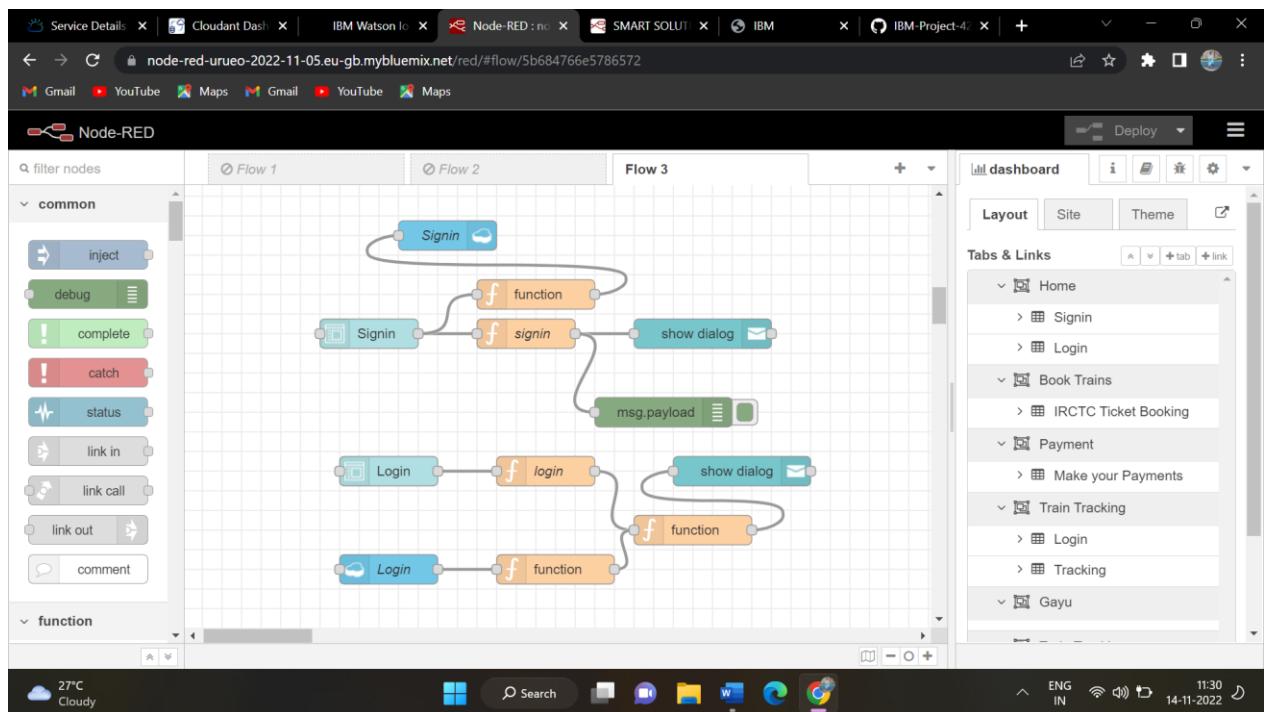


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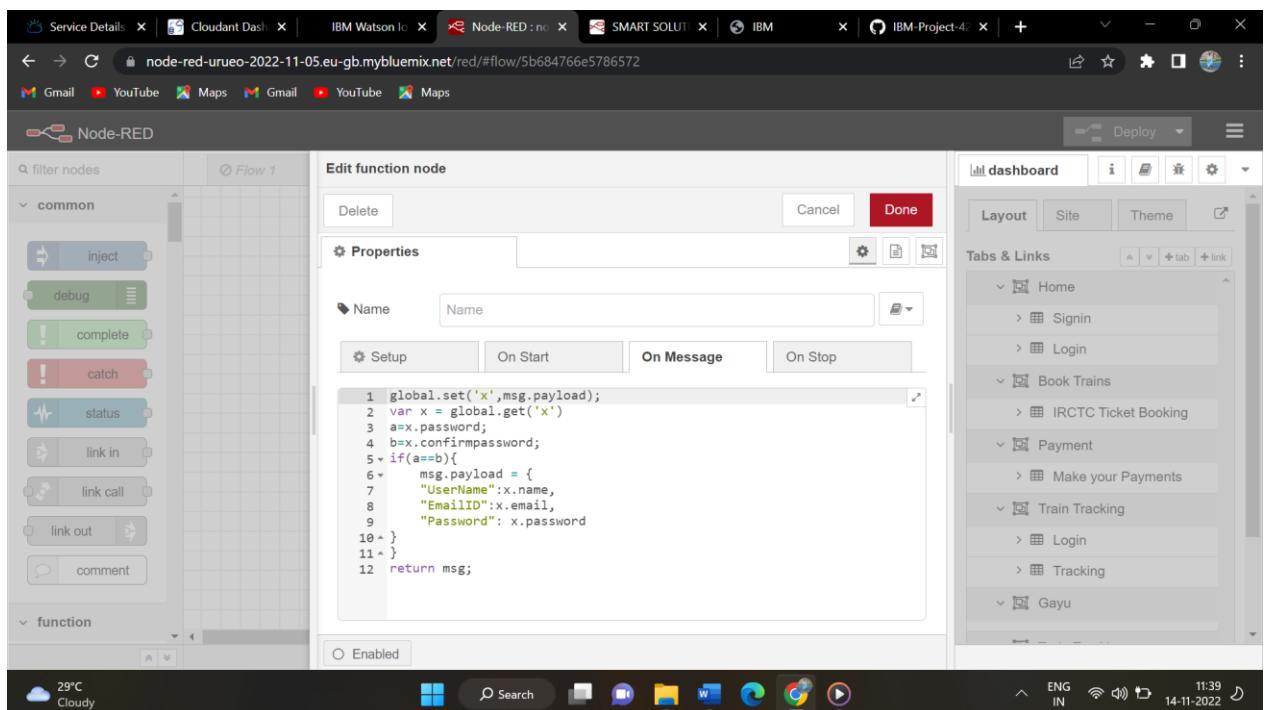
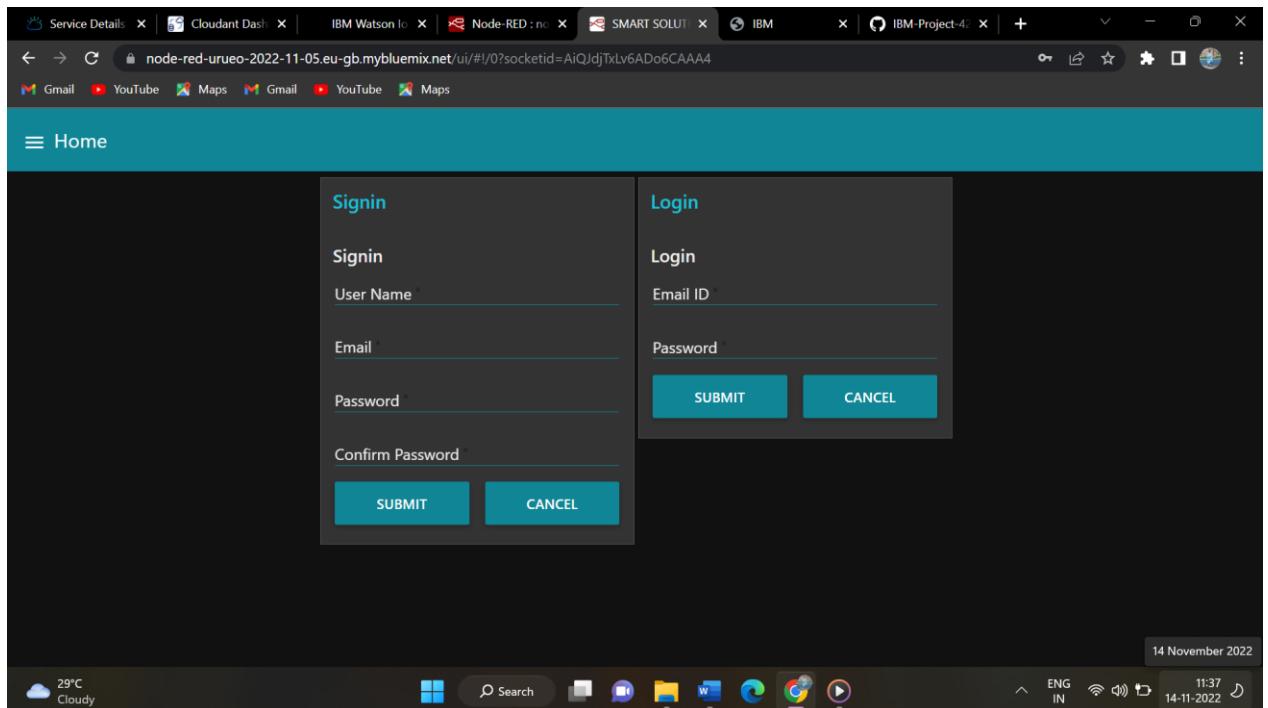
SPRINT 1 – Sign in and login

Using the required nodes in the node red, we have implemented sign in and login user interface and the customer details are stored in the IBM cloudant database, when they sign in to the website. By using sign in credentials the user can log on to the website.

NODE-RED FLOW FOR SIGNIN AND LOGIN



USER INTERFACE FOR SIGNIN AND LOGIN



IBM CLOUDANT SIGNIN DATABASE

The screenshot shows a web browser window with multiple tabs open, including Service Details, Cloudant Dash, IBM Watson Io, Node-RED : no, SMART SOLUT, IBM, and IBM Project-4. The main content area displays a Cloudant database document titled "signin" with the ID "e8045347e69775ecca9747d7be85f0b6". The document's JSON structure is as follows:

```
1  "_id": "e8045347e69775ecca9747d7be85f0b6",
2  "_rev": "1-e169baf54f66f3731d9d58d428676f4",
3  "UserName": "arthybhags",
4  "EmailID": "arthybhagavathy@gmail.com",
5  "Password": "aarthy27"
```

The interface includes a sidebar with icons for Home, Databases, Views, Replicators, Functions, Triggers, and Log Out. At the bottom, there are system status icons (CPU, RAM, Disk, Network) and a date/time stamp (14 November 2022).