

## SPRINT 1 - TEST CASES AND OUTPUTS

### TEST CASES

Following are the results obtained for Sprint 1

- Creation an application using IBM Watson and Node Red
- Login using email and password
- Registration for the application by entering email

### USING IBM SERVICES


The below Figure displays Cloudant DB output.



The screenshot shows a database viewer interface for a database named 'medicine\_db'. The document ID is '05f5c737e0d22de0422e36b09ca34fe'. The document contains the following JSON data:

```
1 {
2   "_id": "05f5c737e0d22de0422e36b09ca34fe",
3   "_rev": "1-cf5320c288c62e7e339038c172c60932",
4   "Medicine": "Paracetamol",
5   "Date": "12/11/22",
6   "Time": "11:14"
7 }
```

**Cloudant DB Output**



The screenshot shows a web application titled 'MEDICINE FORM'. It features a 'Medicine Details' section with the following fields:

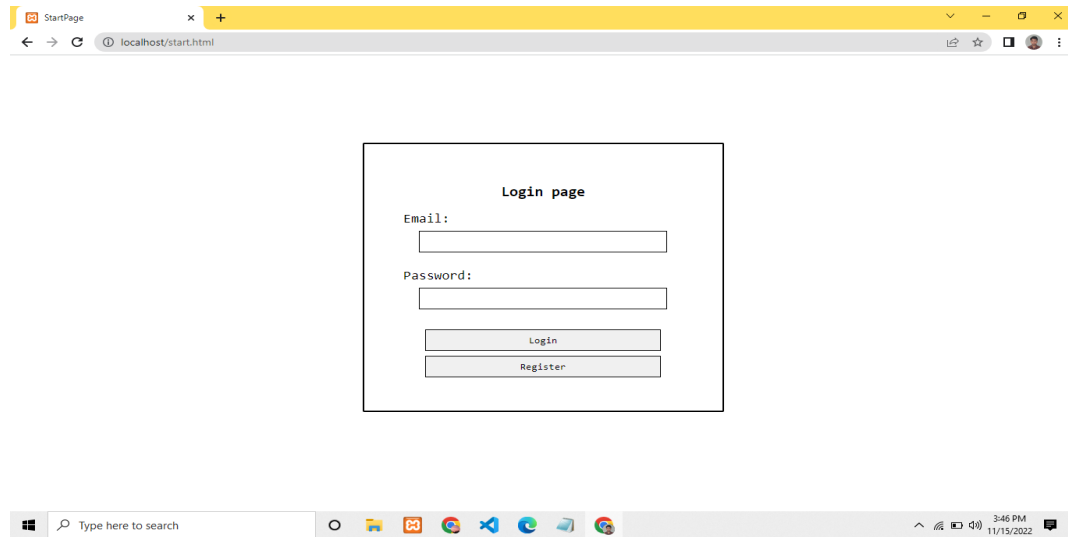
- Medicine:
- Date:
- Time:
- 

**Web application using Node Red**

Finally, the webpage form created using Node-Red is displayed in above figure, which allows the user to add the medicine details and update their database.

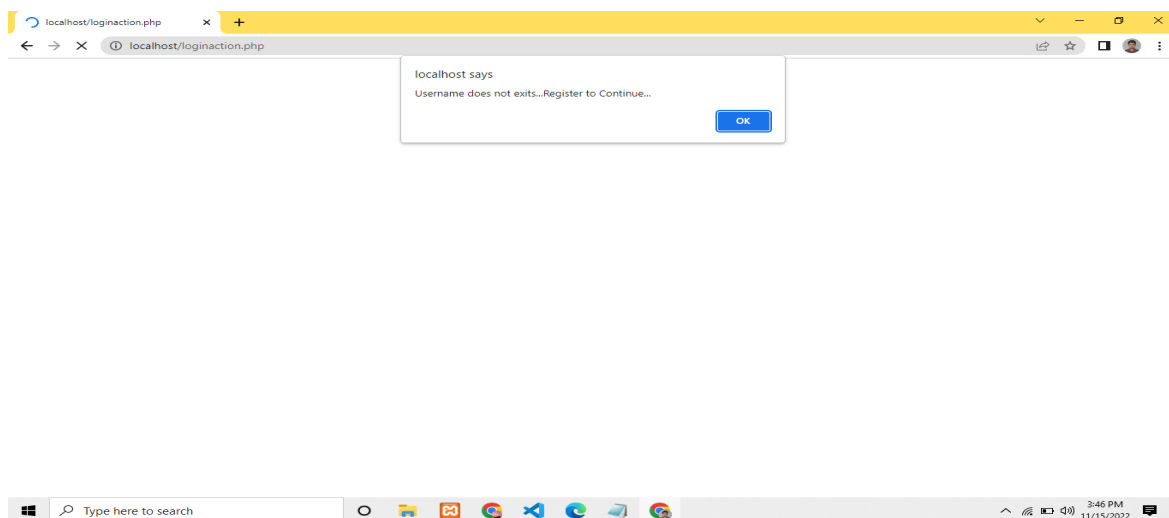
## USING OPEN SOURCE SOFTWARES

The below Figure displays the login window which can be used by users who have already created an account.



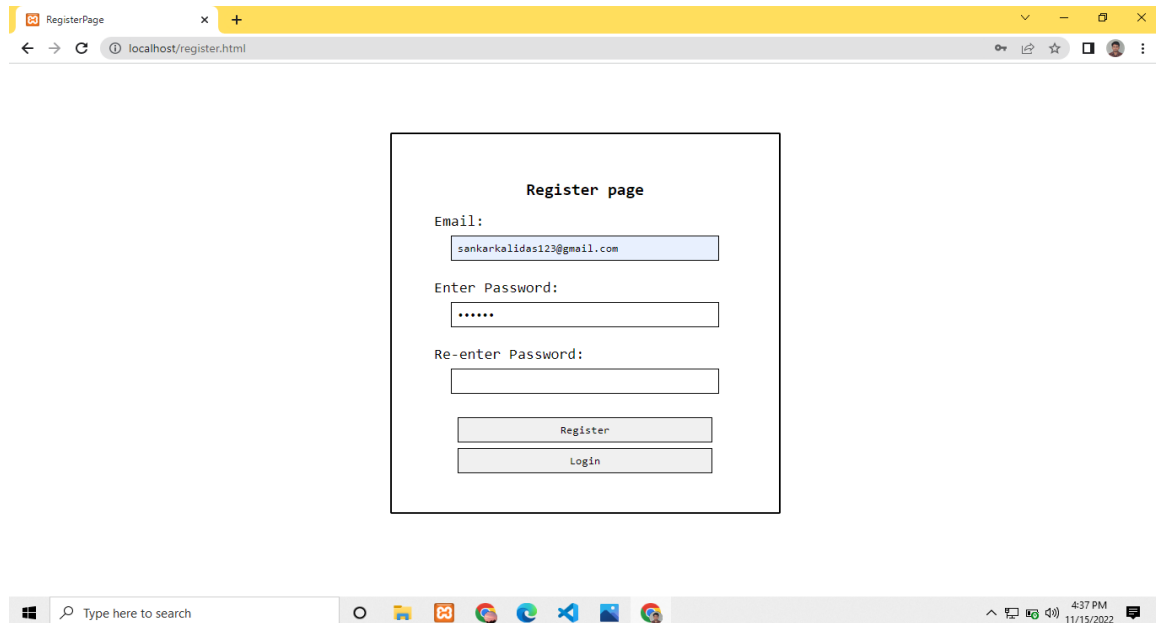
### Home Page-Login Window

The below Figure displays the scenario where the entered username does not exist, it shows an error.



**Figure Error Occurrence during registration**

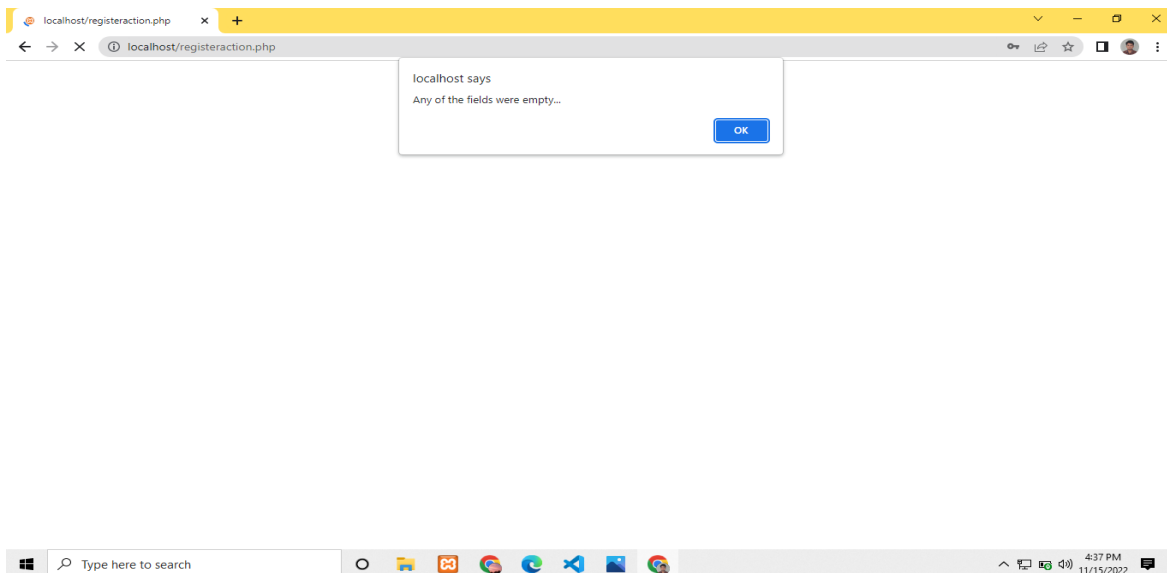
The below Figure displays the Register page, where the user can register themselves to the application by entering a valid email address and a password.



The screenshot shows a web browser window with the title 'RegisterPage' and the address bar displaying 'localhost/register.html'. The page content is a registration form titled 'Register page'. It contains three input fields: 'Email:' with the value 'sankaralidas123@gmail.com', 'Enter Password:' with masked characters '\*\*\*\*\*', and 'Re-enter Password:'. Below the fields are two buttons: 'Register' and 'Login'. The Windows taskbar at the bottom shows the search bar and several application icons.

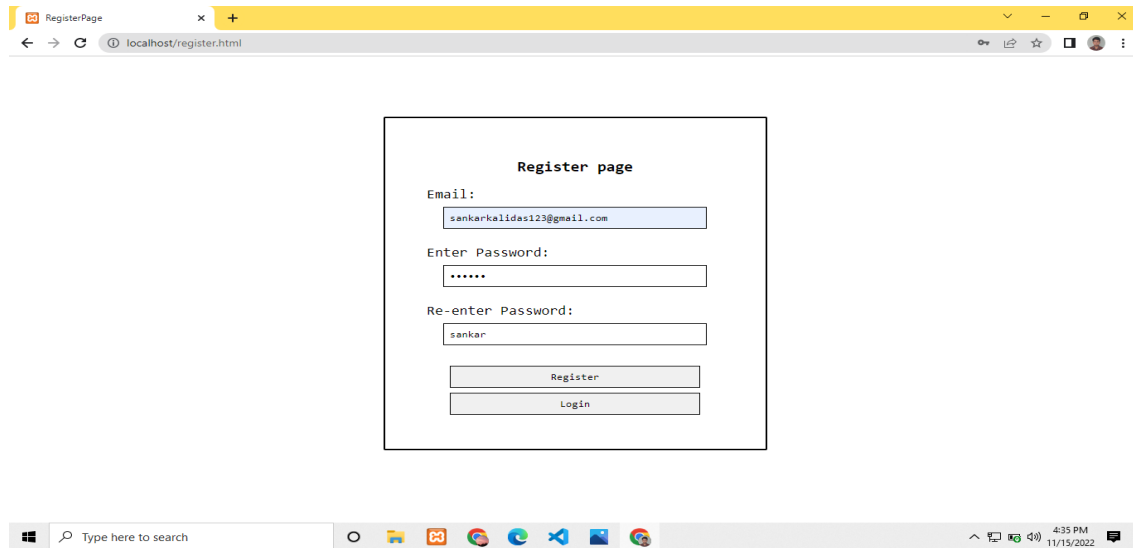
## Register Page

If any of the fields in the register page is not entered, then it throws an error as 'Any of the fields were empty' which is shown in below figure



## Fields Missing Error

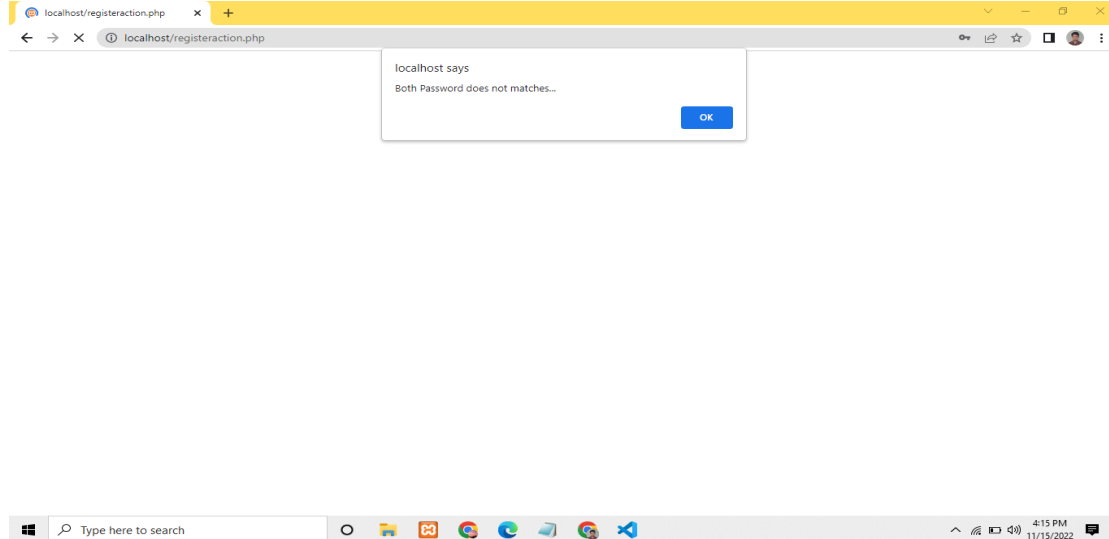
The below Figure displays a scenario where the entered password and re-entered password are not the same.



The screenshot shows a web browser window with the address bar displaying 'localhost/register.html'. The page content is a registration form titled 'Register page'. It contains three input fields: 'Email:' with the value 'sankar-kalidas123@gmail.com', 'Enter Password:' with a masked password '\*\*\*\*\*', and 'Re-enter Password:' with the value 'sankar'. Below these fields are two buttons: 'Register' and 'Login'. The browser's taskbar at the bottom shows the Windows search bar and several application icons, with the system clock indicating 4:35 PM on 11/15/2022.

### Unmatched Passwords

The below Figure displays the error arising due to unmatched passwords.



### Error due to unmatched passwords

After registering themselves, the user can login into the web application by entering the email address and password as shown in figure below.



**Login page**

Email:

Password:



## Login after Registration