

Project Development Phase

Sprint 1

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|--------------|--|
| Date | 7 November 2022 |
| Team ID | PNT2022TMID53061 |
| Project Name | Project - Personal Expense Tracker |
| Team Members | Jagadish R, Karthikraja A, Jeet Golecha M, Murali Krishnan R |

Code

Updated on **GitHub** in the **Sprint-1** folder under Project Development Phase.

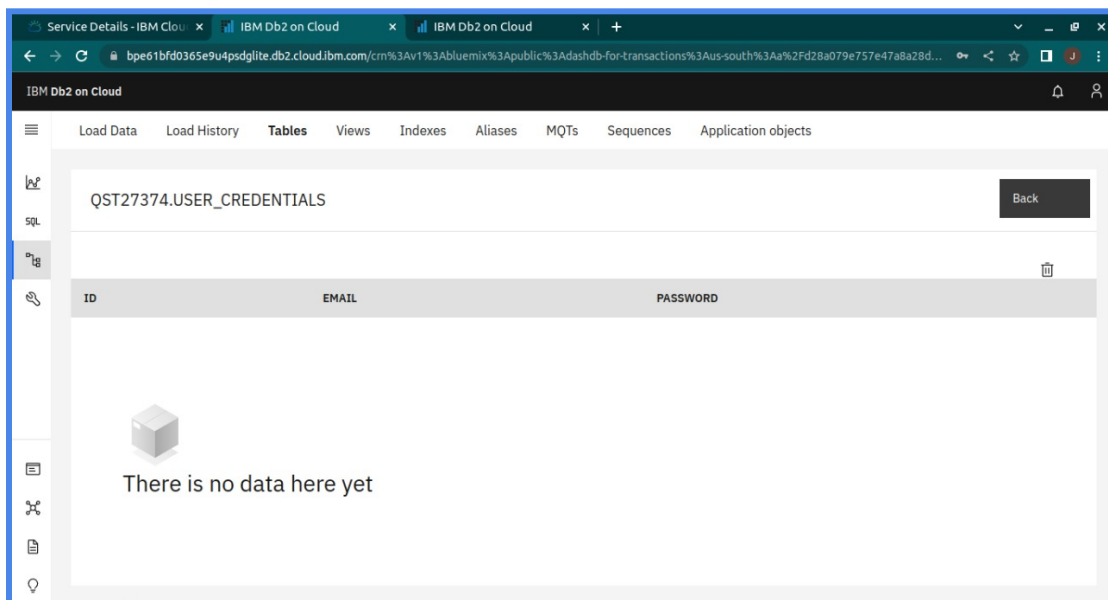
Description of USN and Screenshots

USN-1

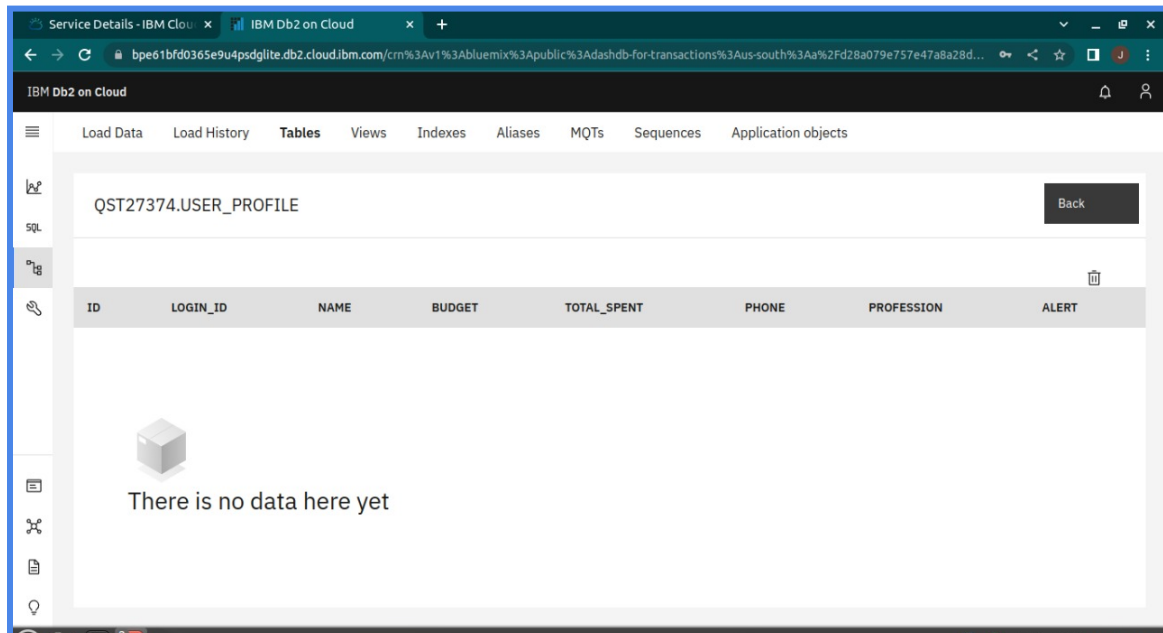
As a user, I can register for the application by entering my email, password, and confirming my password.

Database Tables

user_credentials



user_profile

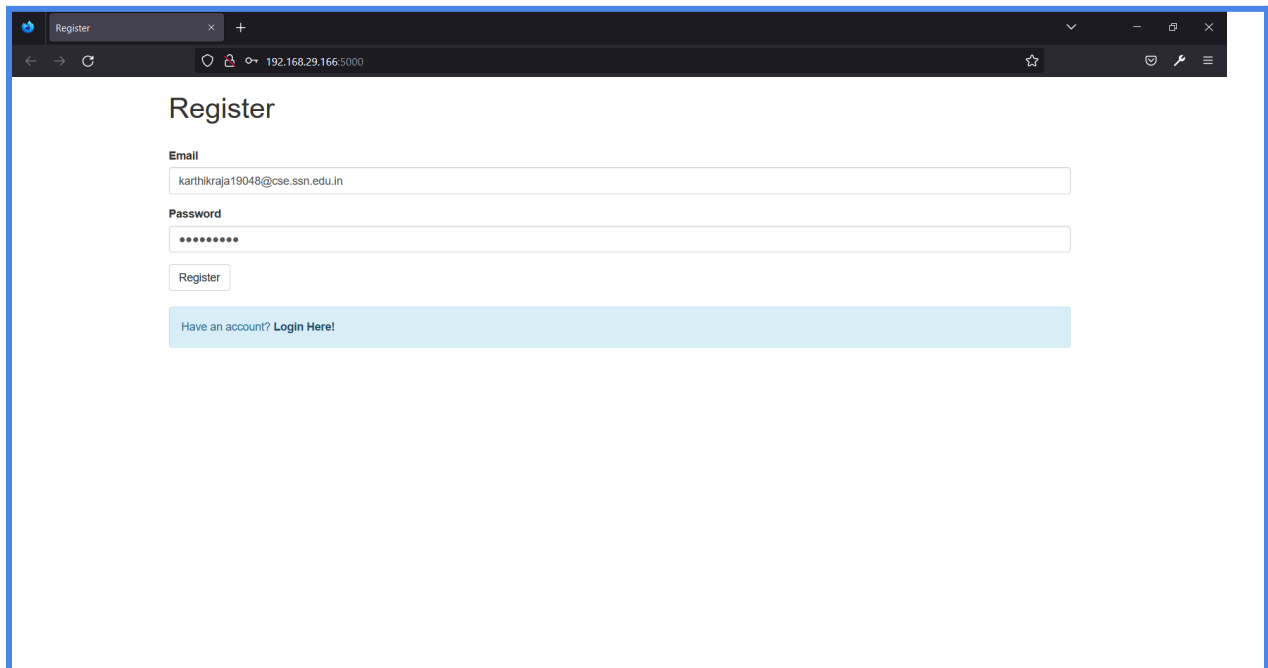


The screenshot shows the IBM Db2 on Cloud console interface. The top navigation bar includes 'Load Data', 'Load History', 'Tables', 'Views', 'Indexes', 'Aliases', 'MQTs', 'Sequences', and 'Application objects'. The 'Tables' tab is selected, displaying a table named 'QST27374.USER_PROFILE'. A 'Back' button is located in the top right corner of the table view. Below the table name, a table structure is shown with the following columns: ID, LOGIN_ID, NAME, BUDGET, TOTAL_SPENT, PHONE, PROFESSION, and ALERT. The table is currently empty, with a message 'There is no data here yet' and a cube icon displayed below the column headers.

| ID | LOGIN_ID | NAME | BUDGET | TOTAL_SPENT | PHONE | PROFESSION | ALERT |
|----|----------|------|--------|-------------|-------|------------|-------|
|----|----------|------|--------|-------------|-------|------------|-------|

Registration Phase

- User enters his credentials to sign up.



The screenshot shows a web registration form titled 'Register'. The form has two input fields: 'Email' and 'Password'. The 'Email' field contains the text 'karthikrja19048@cse.ssn.edu.in'. The 'Password' field is masked with dots. Below the input fields is a 'Register' button. At the bottom of the form, there is a link that says 'Have an account? Login Here!'.

Register

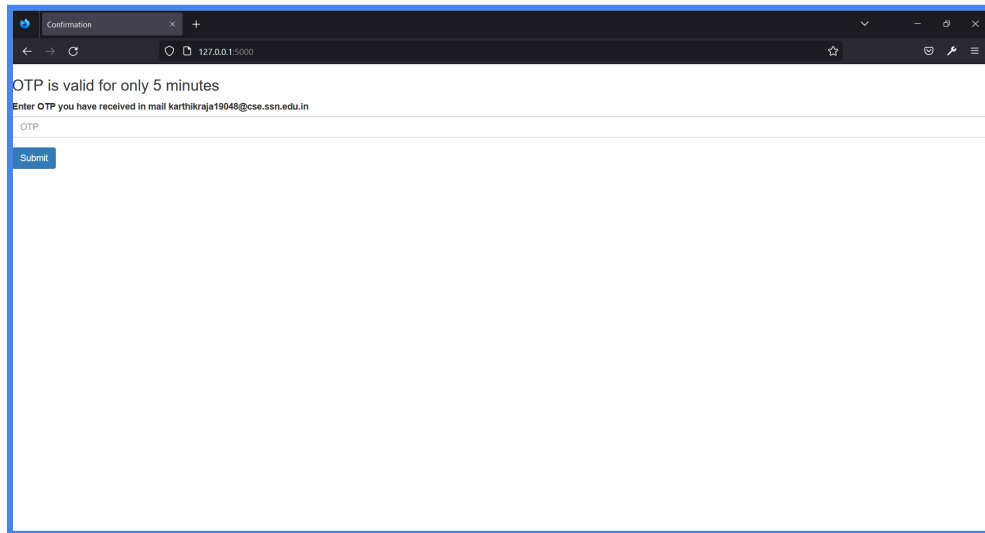
Email
karthikrja19048@cse.ssn.edu.in

Password
.....

Register

Have an account? [Login Here!](#)

- An OTP is sent to the entered mail id for verification. (Note: the OTP is valid only for 5 minutes)

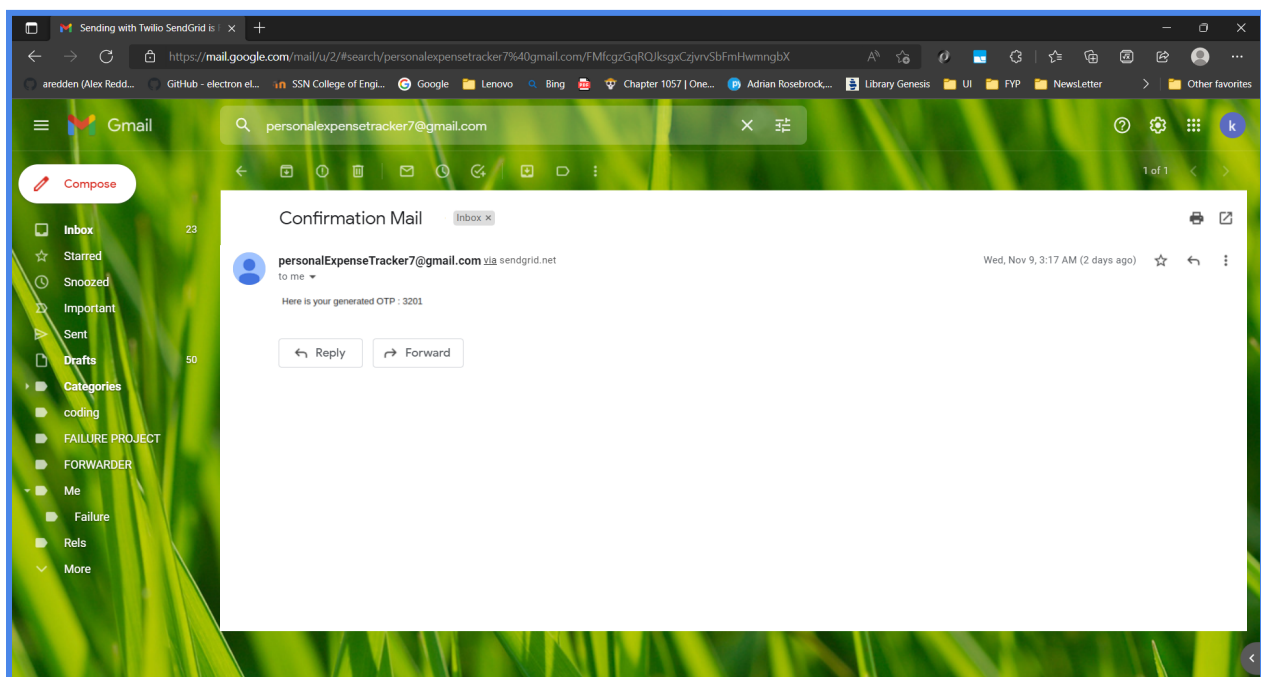


A screenshot of a web browser window. The address bar shows a local IP address 127.0.0.1:5000. The page title is "Confirmation". The main content area displays the text "OTP is valid for only 5 minutes" and "Enter OTP you have received in mail karthikraja19048@cse.ssn.edu.in". Below this is a text input field labeled "OTP" and a blue "Submit" button.

USN-2

As a user, I will receive a confirmation email once I have registered for the application

- The user validates his registration by entering the OTP sent



Confirmation

OTP is valid for only 5 minutes

Enter OTP you have received in mail karthikraja19048@cse.ssn.edu.in

3201

Submit

- After which the user is redirected to the login page
- After the Registration Phase , User Credentials are inserted into the provided DB2 table

Service Details - IBM Cloud | IBM Db2 on Cloud

bpe61bfd0365e9u4psdglite.db2.cloud.ibm.com/crn%3Av1%3Abluemix%3Apublic%3Adashdb-for-transactions%3Aus-south%3Aa%2Fd28a079e757e47a8a28d...

IBM Db2 on Cloud

Load Data Load History **Tables** Views Indexes Aliases MQTs Sequences Application objects

QST27374.USER_CREDENTIALS Back

Export to CSV

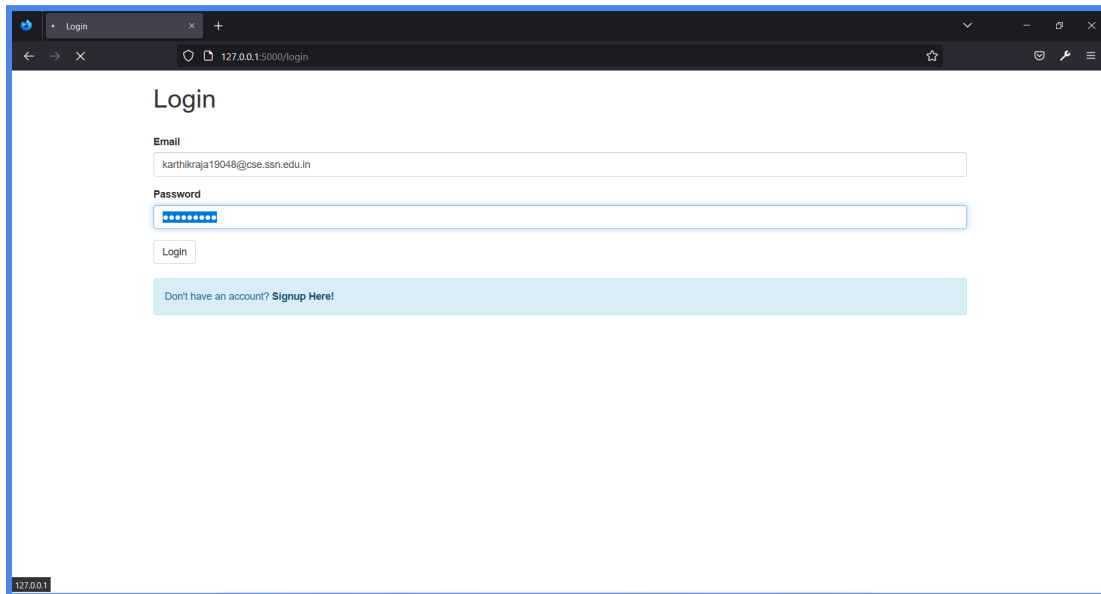
| ID | EMAIL | PASSWORD |
|----|---------------------------------|-----------|
| 5 | karthikraja19048@cse.ssn.edu.in | Hello@123 |

USN-3

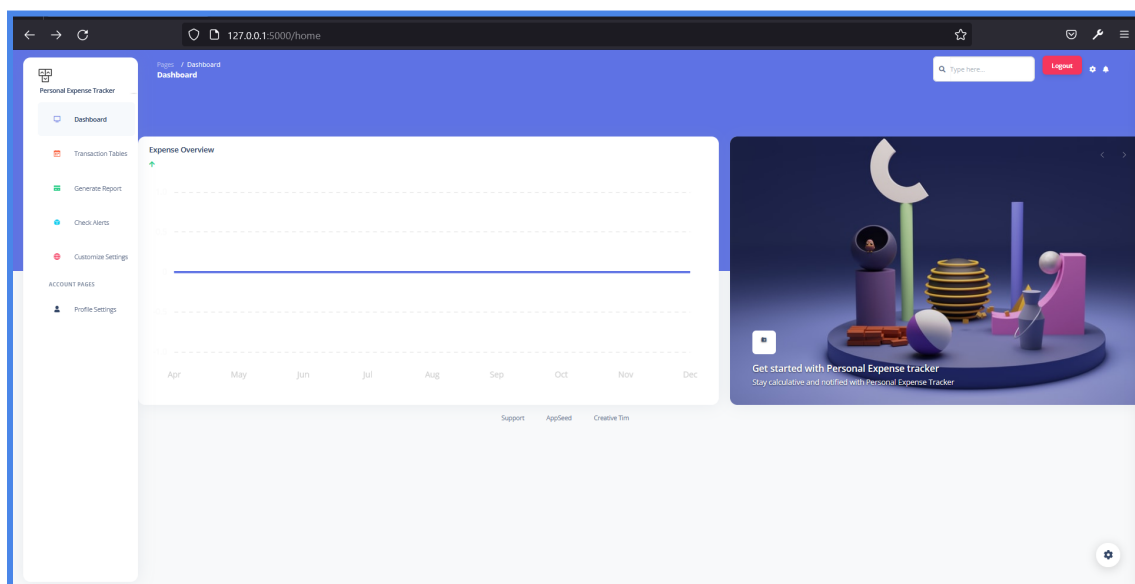
As a user, I can login into the system.

Login Phase

- The user enters the credentials with which he has already registered to enjoy the services of the deployed Personal Expense Tracker



Initial Home Page



Validation Testings

