Project Development Phase

Date	18 October 2022
Team ID	PNT2022TMID35911
Project Name	Smart solution for Railways

Sprint Traget:

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priorit y	Team Members
Sprint-1	Registration	-USN-1	As a user, I can sign up using my email, password	2	High	Sanjay krishnan Abishek
Sprint-1		-USN-2	As a user, I will receive confirmation message once I have registered.	1	High	Sanjay krishnan Abishek
Sprint-1	Login	-USN-3	As a user, I can log into the application by entering email & password	1	High	Sanjay krishnan Abishek

INTRODUCTION:

• In this sprint we had completed an android application using MIT app inventor, which can be used for signing up and login to use the service.



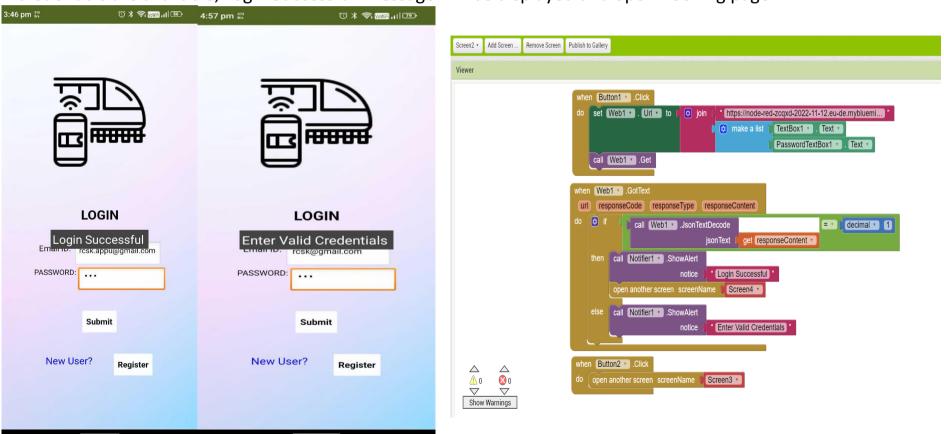


LOGIN:

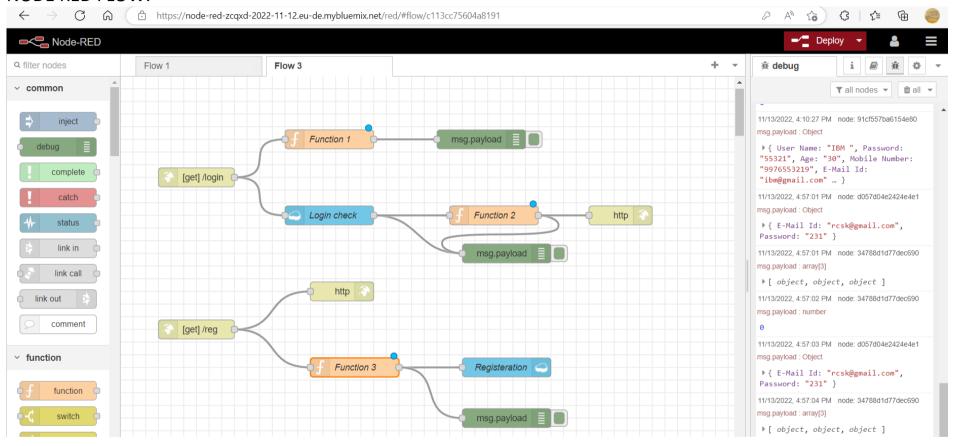
Registered users can enter their email address and password to login. For new user, click Register button for Registration.

Once they hit Submit, The credentials will be checked in Cloudant DB via Node red .

If credentials are available, Login Successful message will be displayed and open Booking page.



NODE RED FLOW:



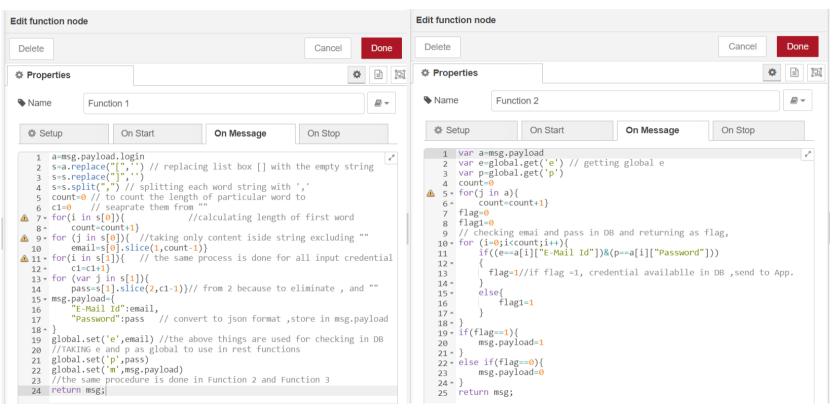
- From MIT app, we get registration credential using "get" block.
- Pass the information through a function where list is converted to proper Json format and load in Cloudant DB.
- For Login, the login credential is checked in DB and if credential are available, "success" message is displayed or "Enter valid credential" is displayed.

Code inside Functions:

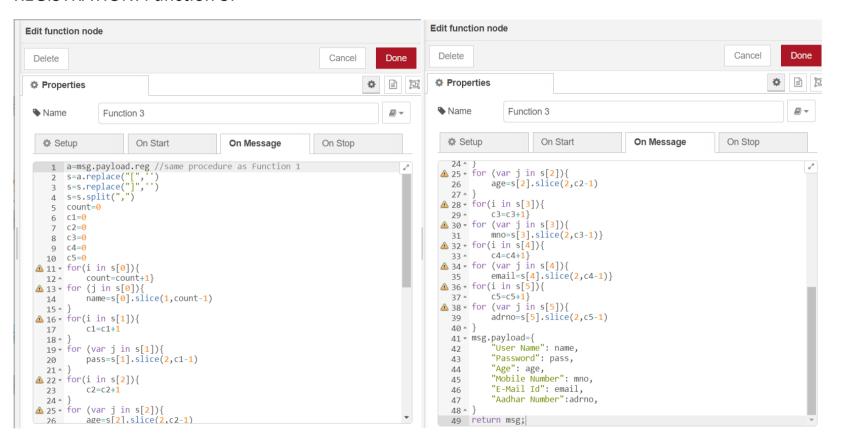
LOGIN:

Function 1:

Function 2:



REGISTRATION: Function 3:

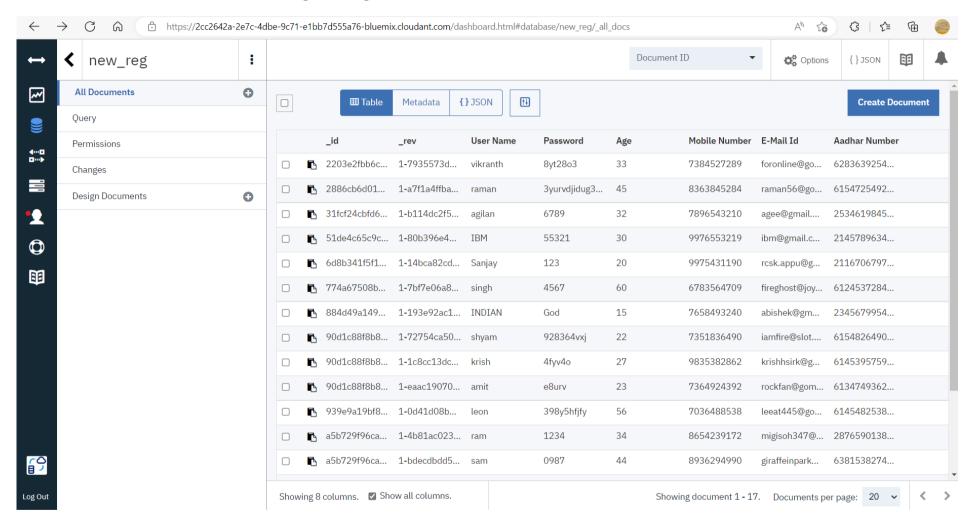


REGISTRATION:

Enter all the credentials and hit submit. The credentials will be stored in Cloudant DB and login page will appear.



Cloudant DB, stored values after registering:



After LOGIN, Booking page will appear after successful Login.

