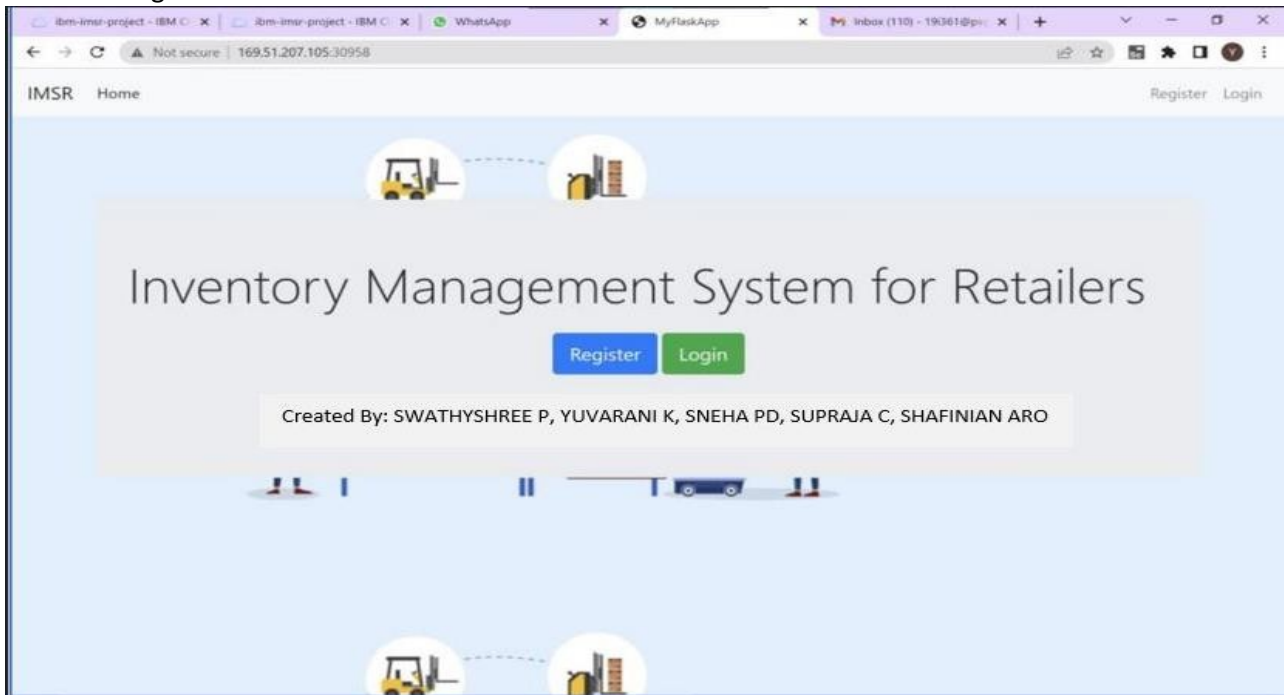


Pre-Development Phase Implementing Web Application

Date	14.11.2022
Team ID	PTN2022TMID14771
Project Name	Inventory Management System for Retailers

Create UI to Interact with Application:

Home Page:



Login Page:

A screenshot of the login page of the 'Inventory Management System for Retailers'. The browser's address bar shows '169.51.207.105:30958/login'. The page has a light blue background. The title 'Login' is prominently displayed at the top. Below the title, there are two input fields: 'Username' and 'Password'. A blue 'Submit' button is located below the password field. The page header includes 'IMSR Home' on the left and 'Register Login' on the right. The browser's tab bar shows several open tabs, including 'ibm-imsr-project - IBM C...', 'WhatsApp', 'MyFlaskApp', and 'Inbox (110) - 19361@ps...'. The page is decorated with illustrations of a forklift and a warehouse.

Register Page:

ibm-imsr-project - IBM C

ibm-imsr-project - IBM C

WhatsApp

MyFlaskApp

Inbox (110) - 19i361@ps

Not secure | 169.51.207.105:30958/register

IMSR Home Register Login

Register

Name

Email

Username

Password

Confirm Password

Submit

Products Page:

ibm-imsr-project - IBM C

ibm-imsr-project - IBM C

WhatsApp

MyFlaskApp

Inbox (110) - 19i361@ps

Not secure | 169.51.207.105:30958/products

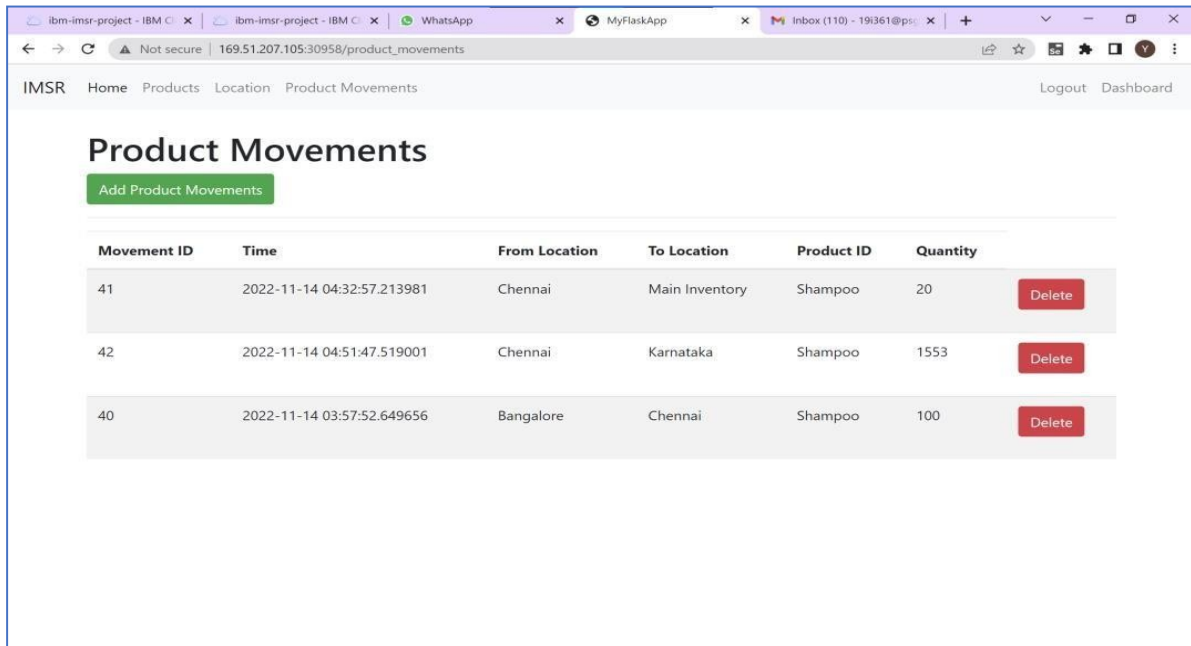
IMSR Home Products Location Product Movements Logout Dashboard

Products

Add Product

Product ID	Product Cost	Product Quantity		
Bedspreads	600	100	Edit	Delete
Cutlery	1500	495	Edit	Delete
Shampoo	50	520	Edit	Delete

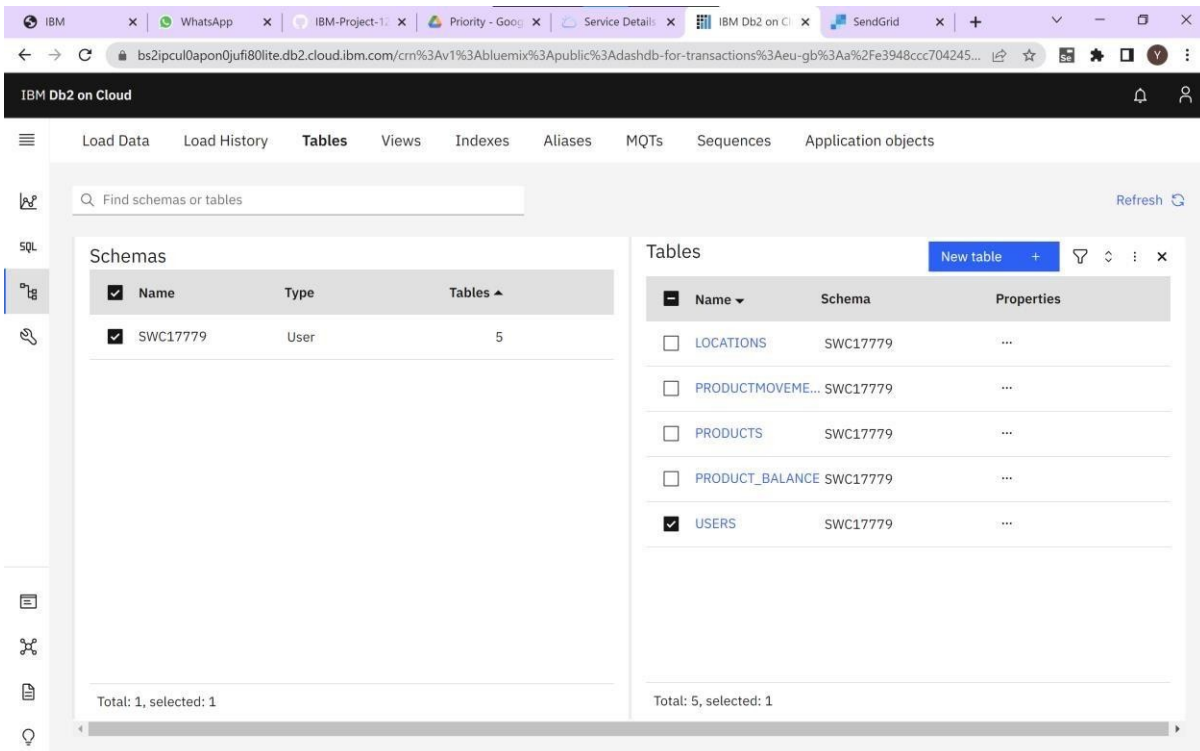
Product Movements Page:



Movement ID	Time	From Location	To Location	Product ID	Quantity	
41	2022-11-14 04:32:57.213981	Chennai	Main Inventory	Shampoo	20	Delete
42	2022-11-14 04:51:47.519001	Chennai	Karnataka	Shampoo	1553	Delete
40	2022-11-14 03:57:52.649656	Bangalore	Chennai	Shampoo	100	Delete

Create IBM DB2 and Connect with Python:

IBM DB2 Schema:



Name	Type	Tables
SWC17779	User	5

Name	Schema	Properties
LOCATIONS	SWC17779	...
PRODUCTMOVEME...	SWC17779	...
PRODUCTS	SWC17779	...
PRODUCT_BALANCE	SWC17779	...
USERS	SWC17779	...

IBM DB2 Connection Code:

```
14 conn=ibm_db.connect("DATABASE=bludb;HOSTNAME=55fbc997-9266-4331-afd3-888b05e734c0.bs2io90l08kb1od8l1cg.databases.appdomain.cloud;PORT=IBMDB_PORT;SECURITY=SSL;SSLServerCertificate=DigiCertGlobalRootCA.crt;UID=IBMDB_UID;PWD=IBMDB_PWD;','','')
```