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Date	14 November 2022
Team ID	PNT2022TMID53036
Project Name	Project - Inventory Management System For Retailers

Sprint 1

Pushing the Application into Docker :

```

C:\Windows\System32\cmd.exe

C:\Users\SSN\Desktop\SSN College\IBM\Project Development Phase\Sprint 1>docker build -t sprint1 .
[+] Building 4.7s (11/11) FINISHED
=> [internal] load build definition from Dockerfile                                0.1s
=> => transferring dockerfile: 32B                                              0.0s
=> [internal] load .dockerignore                                                0.0s
=> => transferring context: 28                                                  0.0s
=> [internal] load metadata for docker.io/library/python:3.10.4                3.9s
=> [auth] library/python:pull token for registry-1.docker.io                  0.0s
=> [internal] load build context                                                0.1s
=> => transferring context: 9.78kB                                             0.1s
=> [1/5] FROM docker.io/library/python:3.10.4@sha256:cddebe04ec7846e28870cf8624b46313a22e6407b51ced3776588784caa 0.0s
=> CACHED [2/5] WORKDIR /app                                                    0.0s
=> CACHED [3/5] COPY requirements.txt ./                                         0.0s
=> CACHED [4/5] RUN pip install -r requirements.txt                             0.0s
=> [5/5] COPY . .                                                              0.1s
=> exporting to image                                                            0.1s
=> => exporting layers                                                         0.1s
=> => writing image sha256:3c998472c2cbbb22cc3026f1d2b032243eeda4b66d793bc15565190206ddd19 0.0s
=> => naming to docker.io/library/sprint1                                     0.0s

Use 'docker scan' to run Snyk tests against images to find vulnerabilities and learn how to fix them

C:\Users\SSN\Desktop\SSN College\IBM\Project Development Phase\Sprint 1>

```

Running the docker Container:

```
C:\Windows\System32\cmd.exe - docker run -p 5000:5000 sprint1

C:\Users\SSN\Desktop\SSN College\IBM\Project Development Phase\Sprint 1>docker run -p 5000:5000 sprint1
<ibm_db.IBM_DBConnection object at 0x7f6b18ac59d0>
Connecting Successful.....
* Serving Flask app 'app'
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on all addresses (0.0.0.0)
* Running on http://127.0.0.1:5000
* Running on http://172.17.0.2:5000
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 505-343-740
```

Docker :

Docker Desktop

Upgrade plan

Containers

Images

Volumes

Dev Environments

Extensions

Add Extensions

Containers

Only show running containers

Search

	NAME	IMAGE	STATUS	PORT(S)	STARTED	ACTIONS
<input type="checkbox"/>	mystifying_pasteur d5aeae9c92c6	job-app:latest	Exited (137)	5000:5000		<div></div> <div></div> <div></div>
<input type="checkbox"/>	laughing_galileo 5d667aecc48e	job-app:latest	Exited (137)	5000:5000		<div></div> <div></div> <div></div>
<input type="checkbox"/>	happy_kalam 75be6d07b72a	sprint1:latest	Running	5000:5000	1 minute ago	<div></div> <div></div> <div></div>

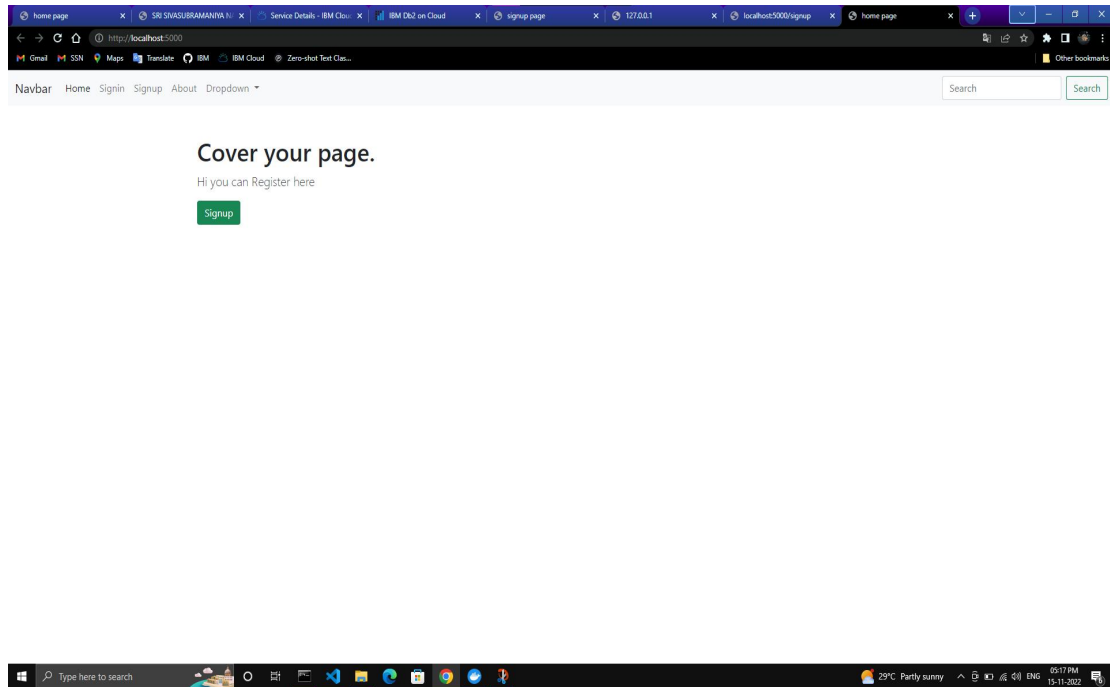
Showing 3 items

RAM 2.31GB CPU 9.67%

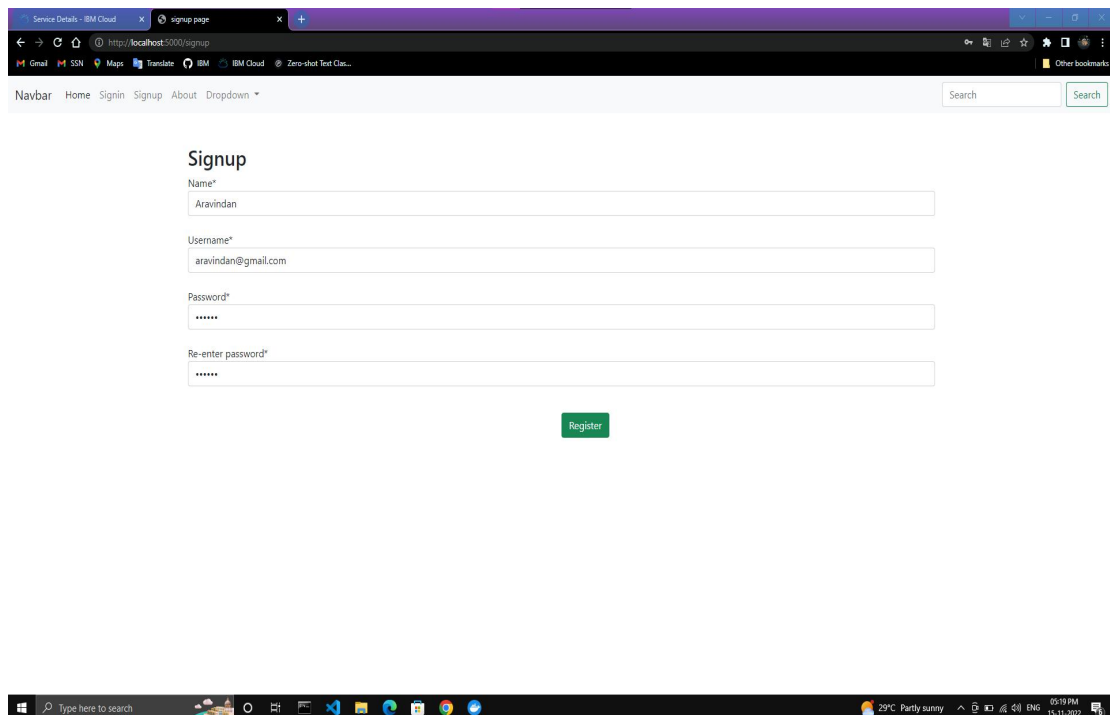
Connected to Hub

v4.13.1

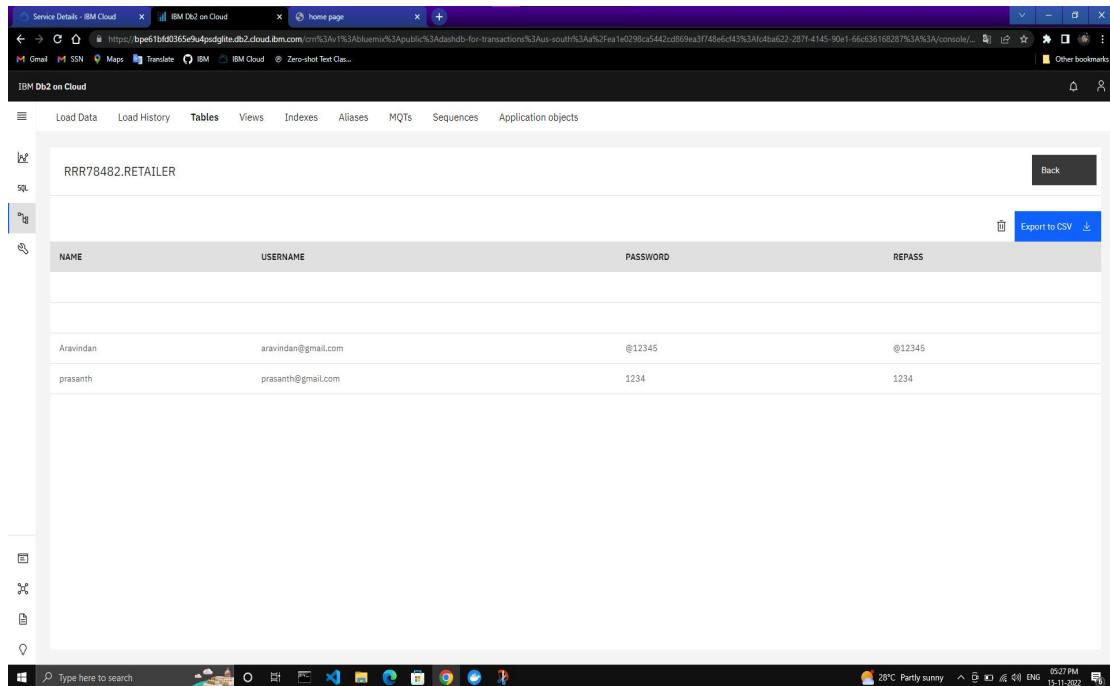
Cover Page:



Signup Page:



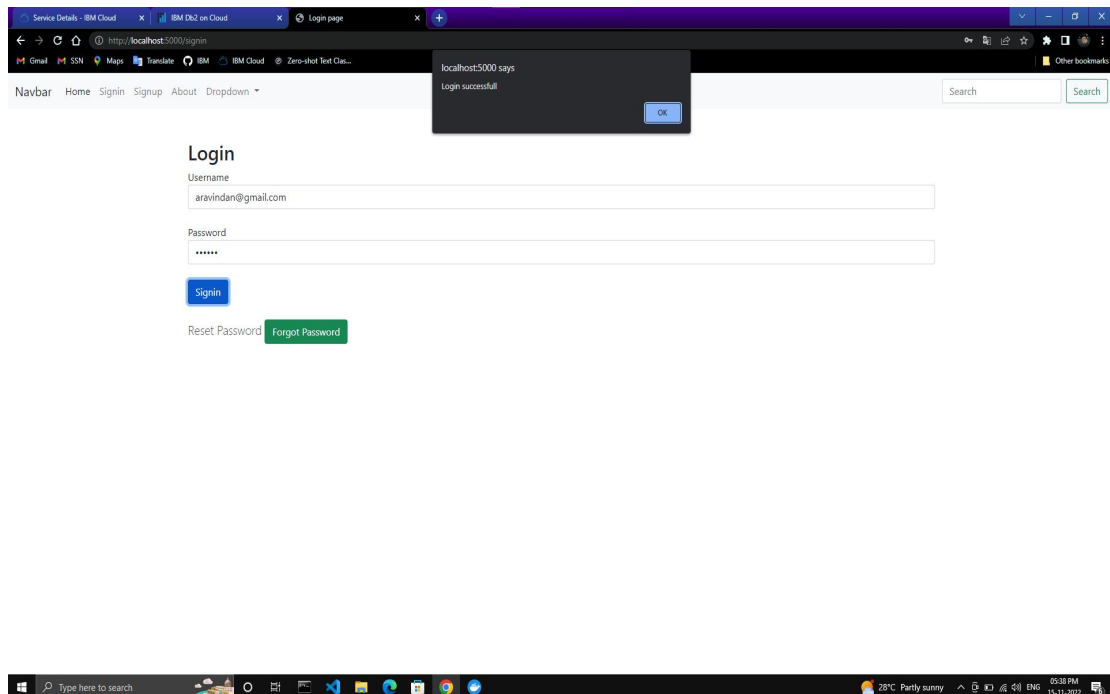
Storing the Data into Database:



The screenshot shows the IBM Db2 on Cloud console interface. The top navigation bar includes tabs for 'Service Details - IBM Cloud', 'IBM Db2 on Cloud', and 'home page'. The main content area displays a table named 'RRR78482.RETAILER'. The table has four columns: 'NAME', 'USERNAME', 'PASSWORD', and 'REPASS'. There are two data rows visible. The first row contains 'Aravindan', 'aravindan@gmail.com', '@12345', and '@12345'. The second row contains 'prasanth', 'prasanth@gmail.com', '1234', and '1234'. A 'Back' button is located in the top right corner of the table view. An 'Export to CSV' button is also present. The bottom of the screen shows a Windows taskbar with the date and time as 05:27 PM on 15-11-2022.

NAME	USERNAME	PASSWORD	REPASS
Aravindan	aravindan@gmail.com	@12345	@12345
prasanth	prasanth@gmail.com	1234	1234

Login Page:



The screenshot shows a web application login page. The page has a navigation bar with links for 'Navbar', 'Home', 'Signup', 'About', and 'Dropdown'. The main content area features a 'Login' form with fields for 'Username' and 'Password'. The 'Username' field contains the text 'aravindan@gmail.com'. Below the password field is a 'Signup' button. At the bottom of the form, there are links for 'Reset Password' and 'Forgot Password'. A toast notification is displayed in the center of the screen, stating 'Login successful' with an 'OK' button. The bottom of the screen shows a Windows taskbar with the date and time as 05:38 PM on 15-11-2022.