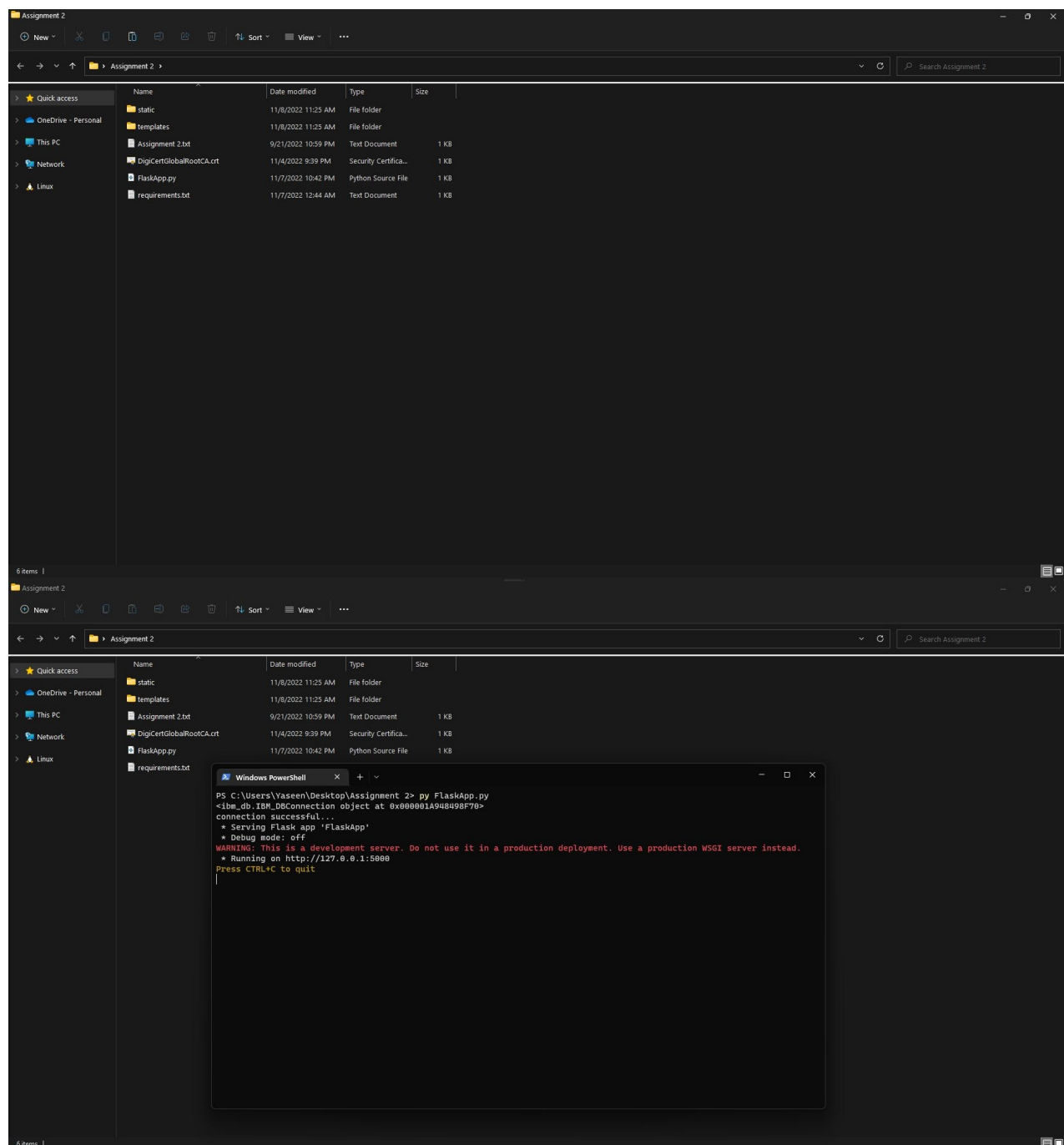


Setting Up Application Environment

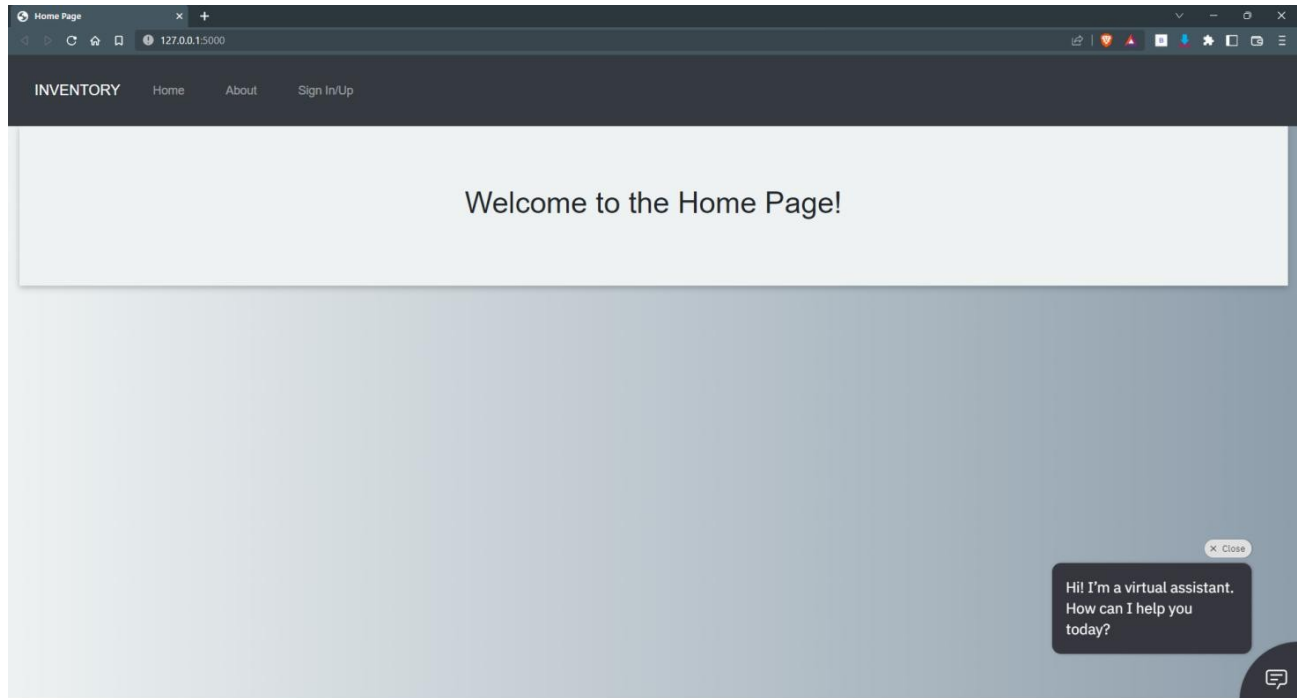
Date	24 November 2022
Team ID	PNT2022TMID25192
Project Name	Project – Inventory Management System for Retailers

Flask Project:

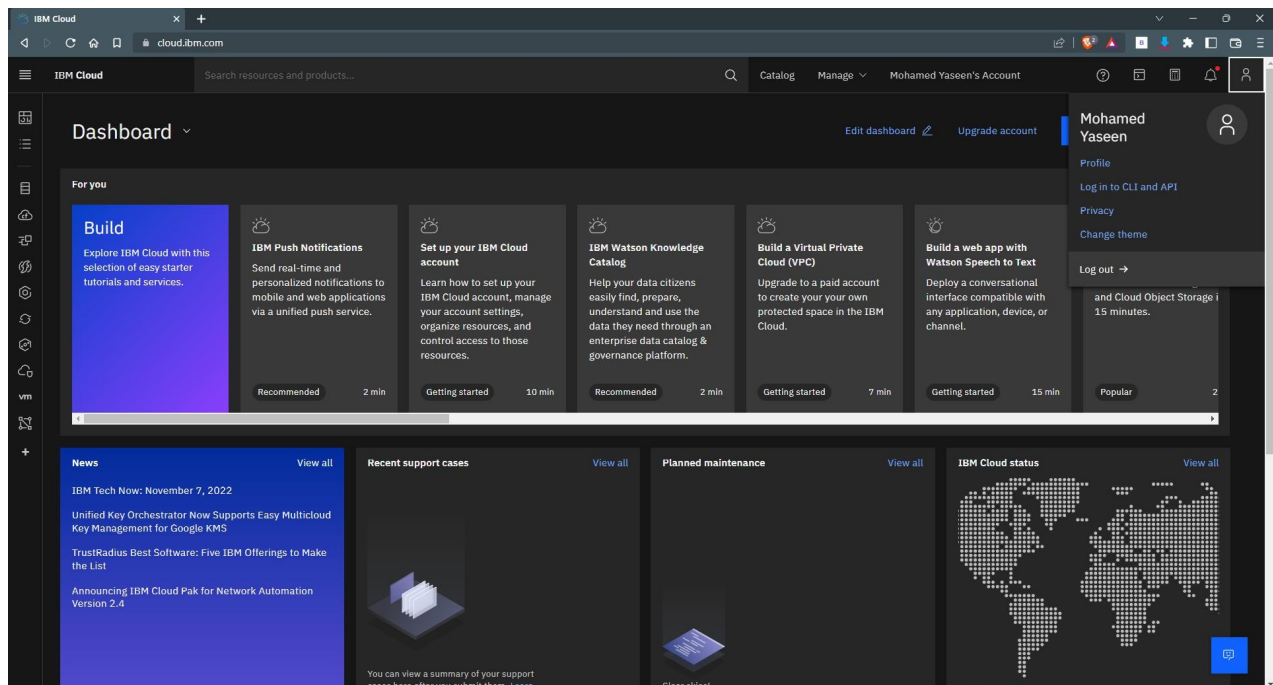


The screenshot displays a Windows File Explorer window titled 'Assignment 2'. The left sidebar shows the 'Quick access' pane with 'This PC' selected. The main pane shows the contents of the 'Assignment 2' folder, which includes a 'static' folder, a 'templates' folder, a 'Assignment 2.txt' file, a 'DigicertGlobalRootCA.crt' file, a 'FlaskApp.py' file, and a 'requirements.txt' file. A Windows PowerShell window is overlaid on the bottom right, showing the command 'py FlaskApp.py' and its output, which includes a warning about using a development server and the URL 'http://127.0.0.1:5000'.

```
PS C:\Users\Vaseen\Desktop\Assignment 2> py FlaskApp.py
<ibm_db.IBM_DBConnection object at 0x000001A948498F70>
connection successful...
* Serving Flask app 'FlaskApp'
* Debug mode: off
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
```



Create IBM Cloud Account:



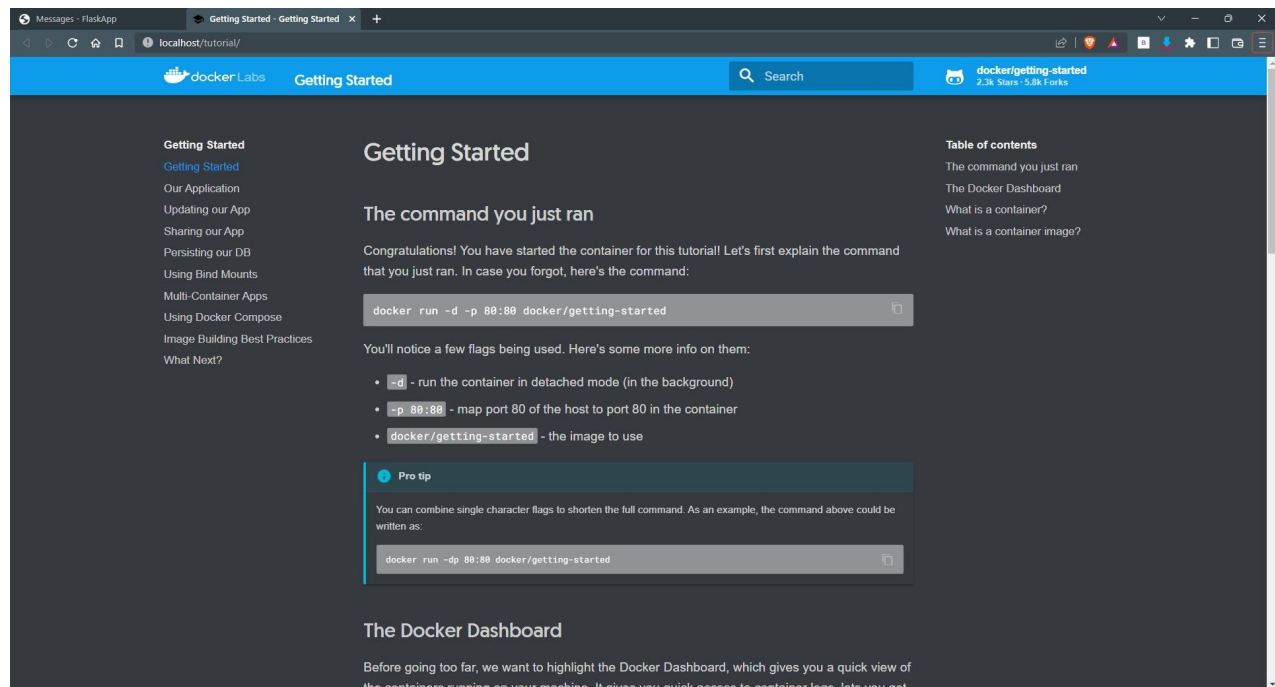
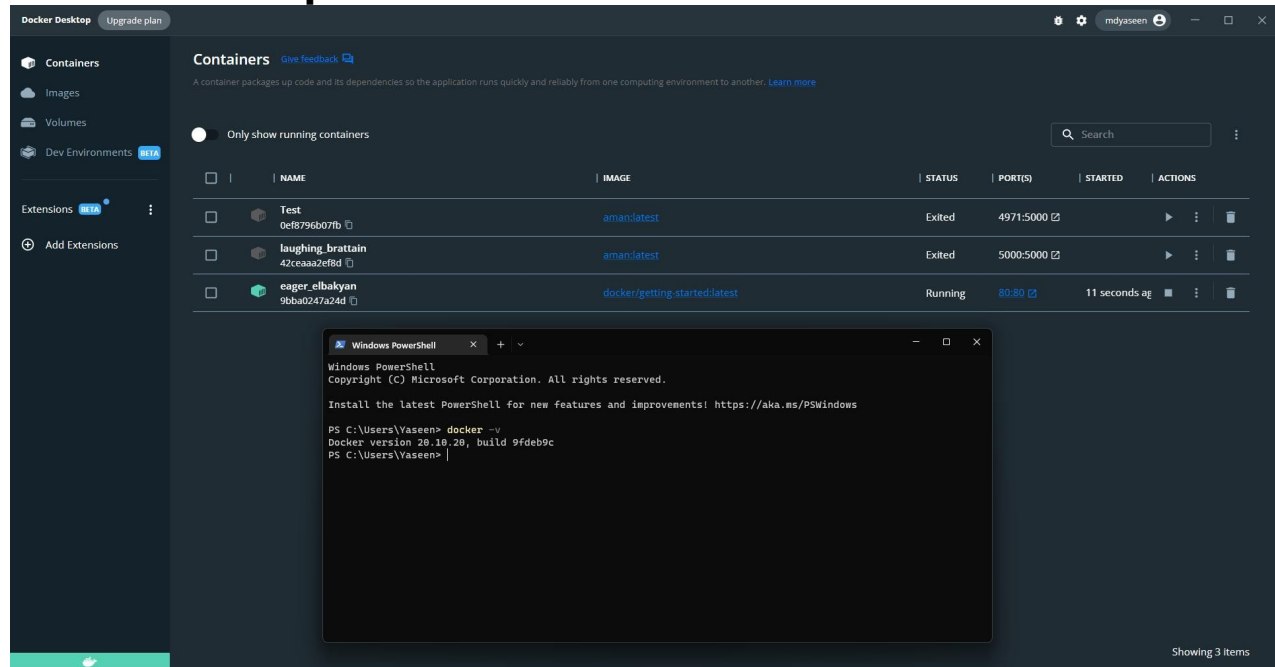
Install IBM Cloud CLI:

```
Windows PowerShell
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Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\Vaseen> ibmcloud update
Checking for updates...
No update required. Your CLI is already up-to-date.
To view available plugin updates, run 'C:\Program Files\IBM\Cloud\bin\ibmcloud.exe plugin list'.
PS C:\Users\Vaseen> ibmcloud --v
C:\Program Files\IBM\Cloud\bin\ibmcloud.exe version 2.12.1*b8488a1-2022-10-31T15:00:10+00:00
PS C:\Users\Vaseen> |
```

Docker Setup:



Create an account in SendGrid:

The screenshot shows the SendGrid dashboard for a user named Mohamed Yaseen. The browser address bar shows `app.sendgrid.com/guide`. The left sidebar contains a navigation menu with the following items: Dashboard, Email API, Marketing, Design Library, Stats, Activity, Suppressions, Settings, and Twilio SMS (marked as NEW). At the bottom of the sidebar, there is a 'REPUTATION' bar at 100% and a link to 'VIEW ACCOUNT USAGE'.

The main content area has a 'Welcome, Mohamed!' message with a sub-header: 'To get up and running quickly, please follow the steps outlined below.' Below this is a blue banner that reads 'Send your first emails with Twilio SendGrid'. The primary task is 'Create a sender identity', which includes a brief explanation and two options: 'Create a Single Sender' (highlighted in blue) and 'Authenticate a domain instead'. An illustration shows an email header with 'Your Business' as the sender and 'somebody@your_business.com' as the recipient. A secondary task, 'Send your first email', is shown with a lock icon and the instruction 'Please create a sender identity before sending your first email.' At the bottom, there is a section titled 'Remove email sending limits'.