

**Please enter your details to register for assignment submission**

**Name**

**Email**

**Contact**

**Course**

**regno**

**Role**

**Password**

Already Registered? [Login Here](#)

Figure 1 Student registration form for assignment submission

**Please enter your details to register yourself**

**Email**

**Password**

Figure 2 student login page for assignment submission system

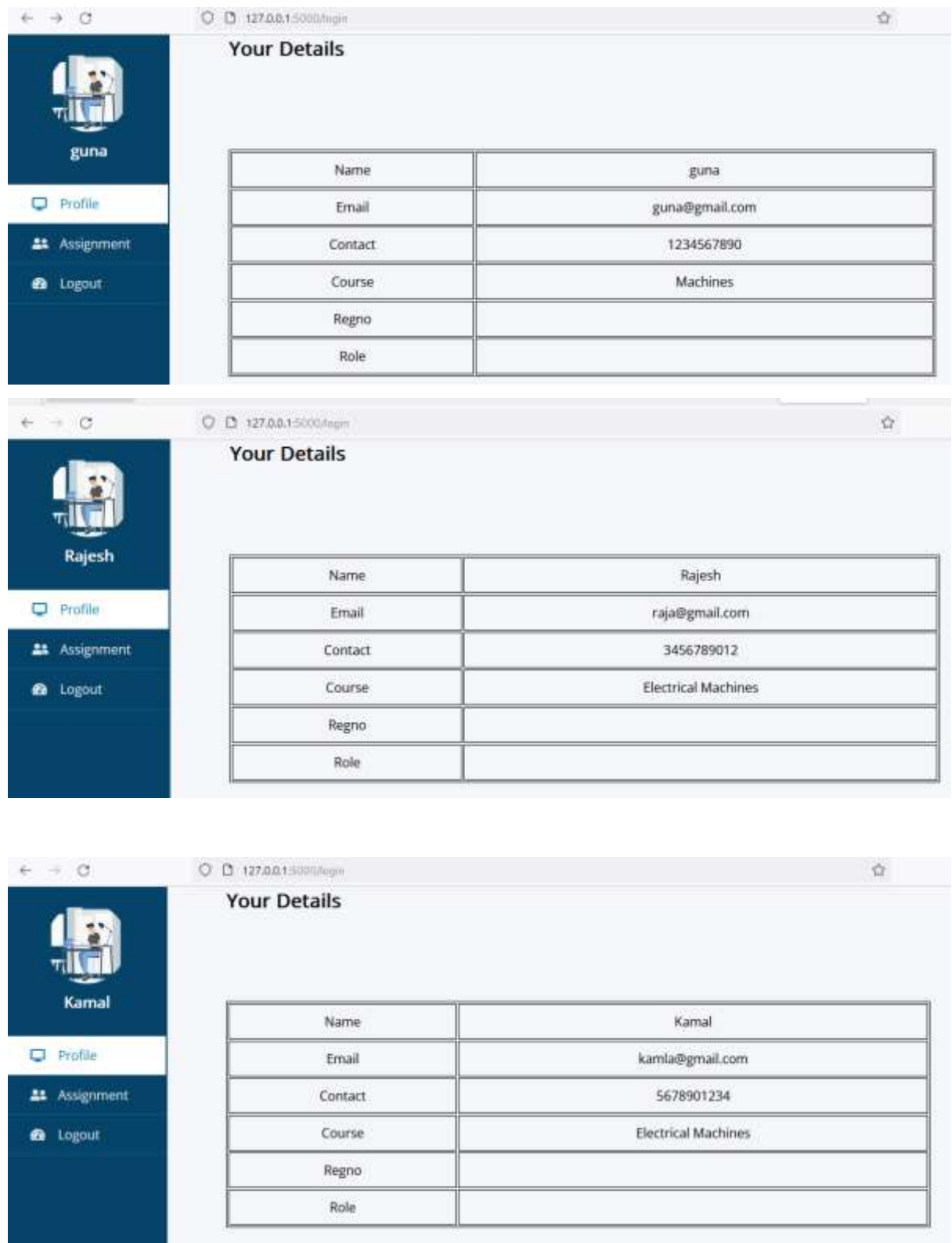


Figure 3 Students assignment submission system with profile details

NAME	EMAIL	CONTACT	COURSE	REGNO	ROLE	PASSWORD
Kamal	kamla@gmail.com	5678901234	Electrical Machines	22BEE1360	Student	97531*
Rajesh	raja@gmail.com	3456789012	Electrical Machines	20BEE2000	Student	13579*
guna	guna@gmail.com	1234567890	Machines	50771	Faculty	12345

Figure 4 Student details in Db2

## Watson Assistant

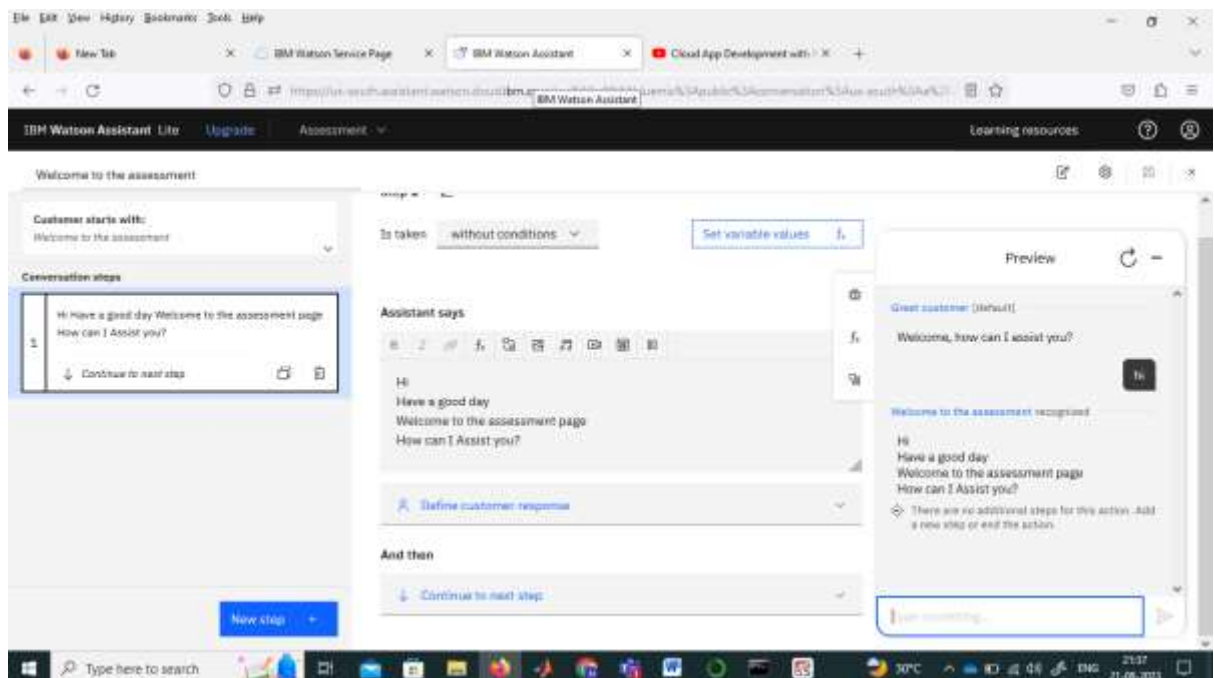


Figure 5 Watson assistance for chatbot creation

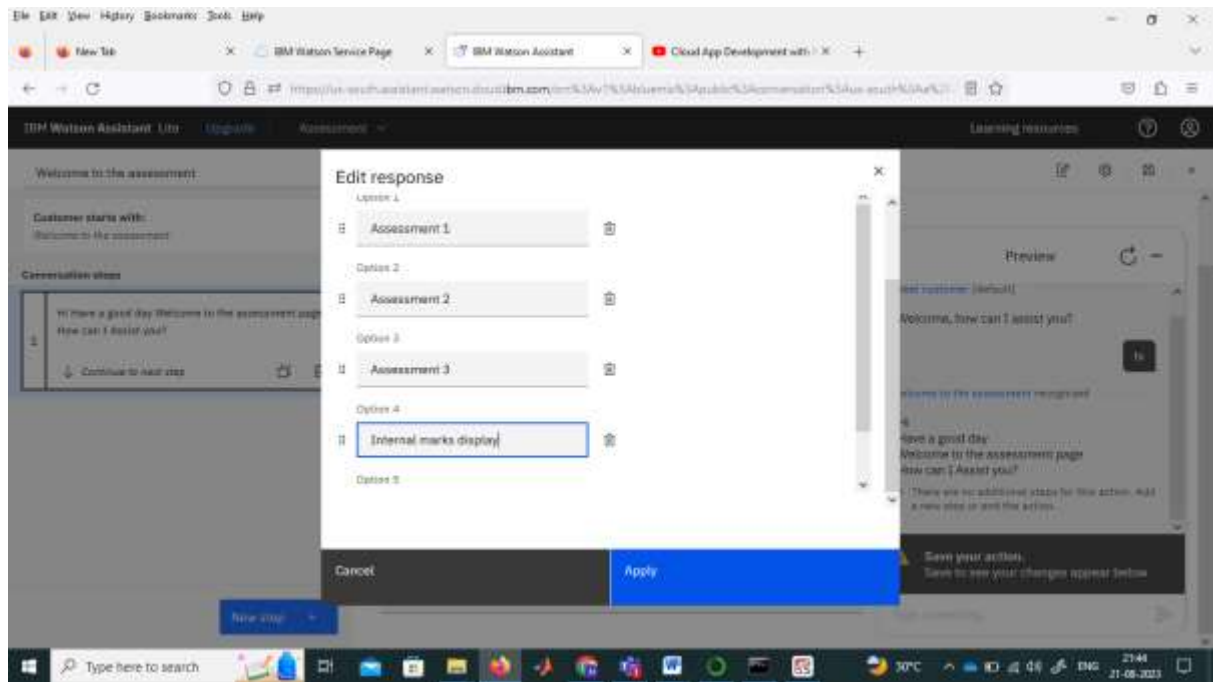


Figure 6 Chatbot for assignment submission system

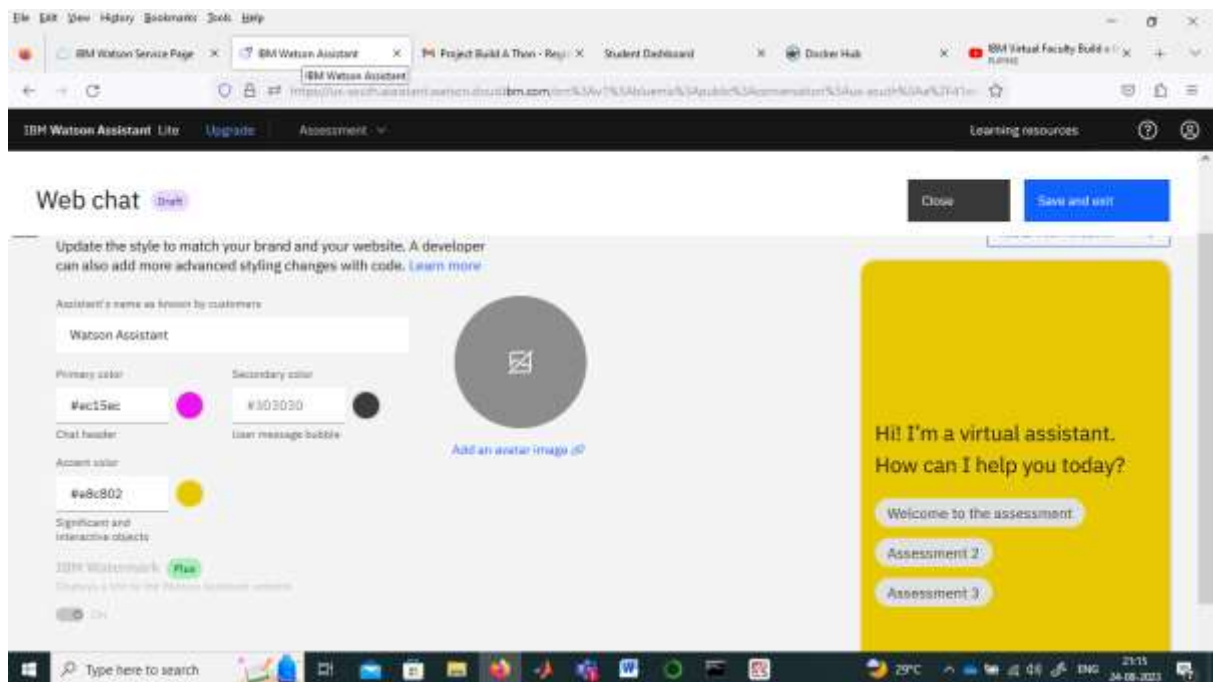


Figure 7 Chat bot is active in the smart assignment system

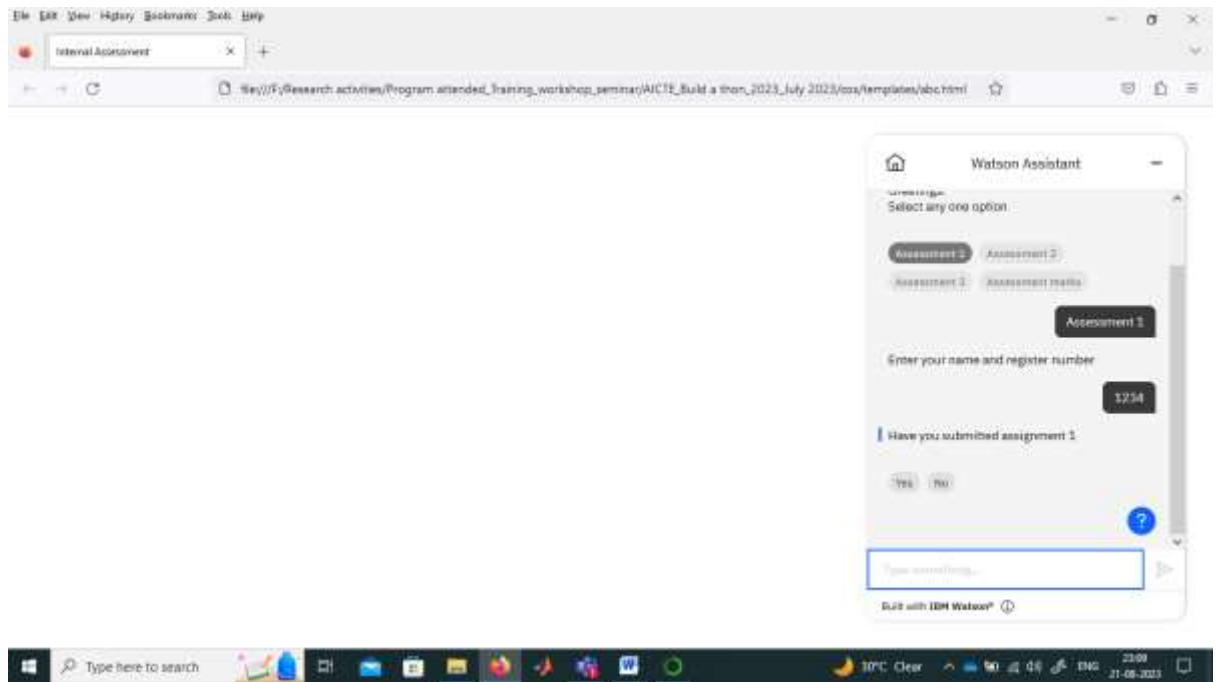


Figure 8 Web integration in Watson assistant

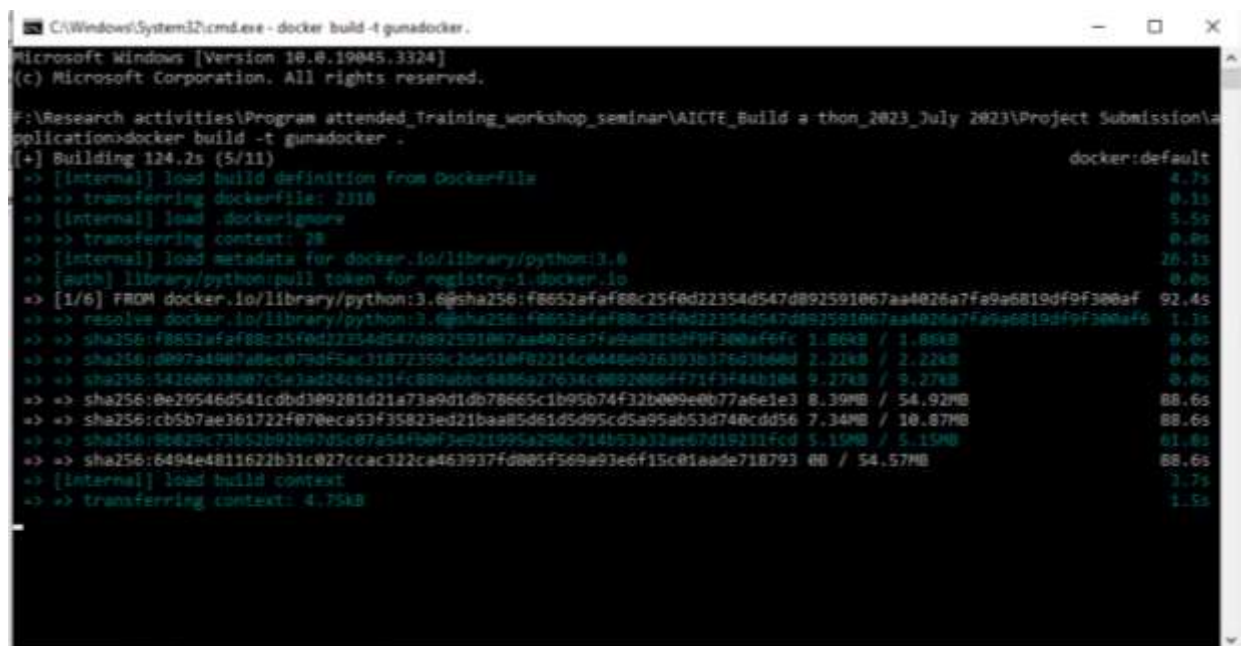


Figure 9 Docker desktop image creation process

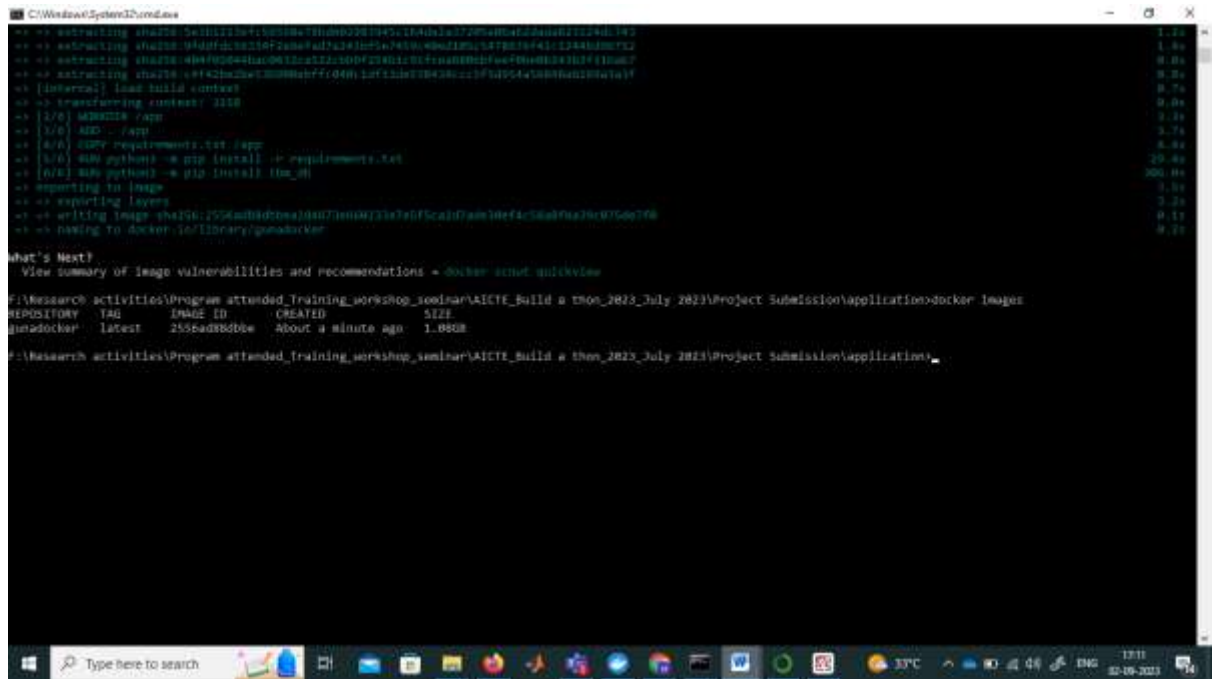


Figure 10 Docker image created

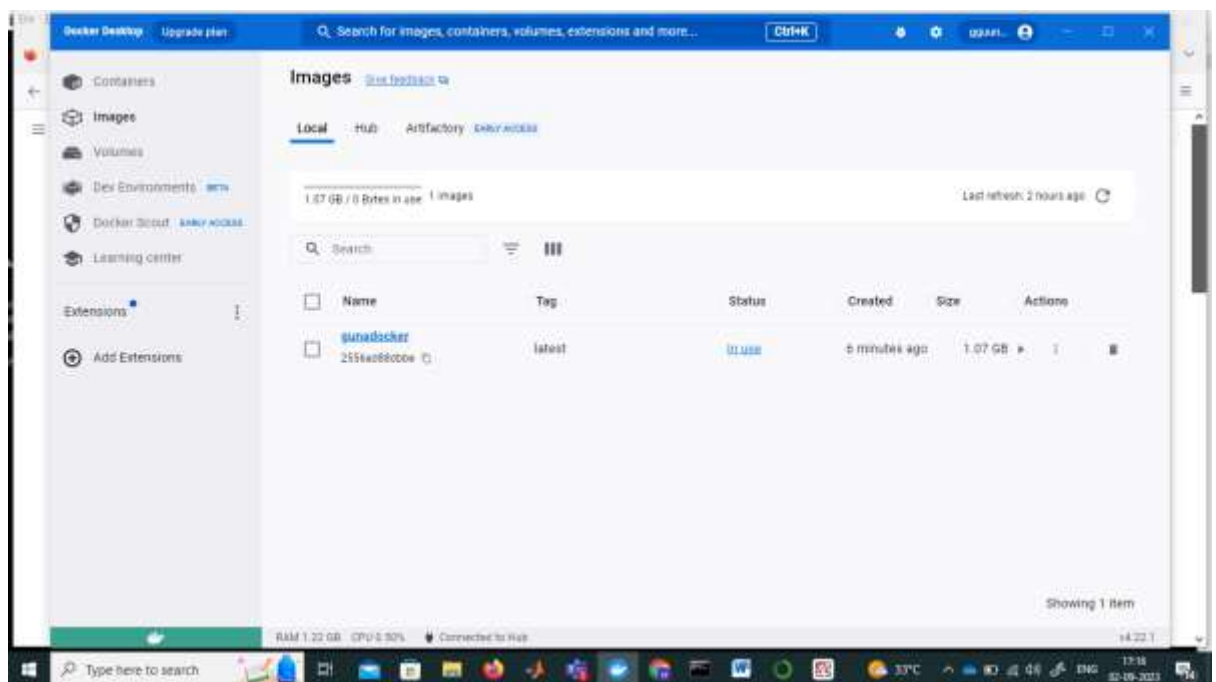


Figure 11 Docker image creation in local server

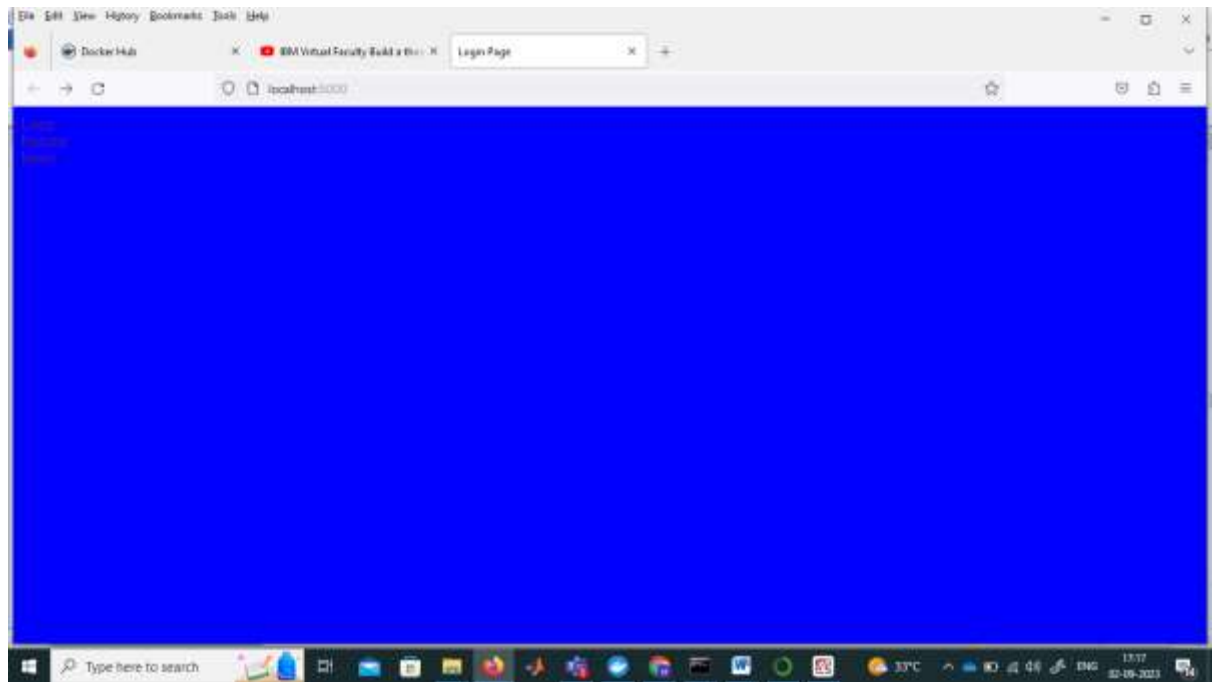


Figure 12 User login page in the local server

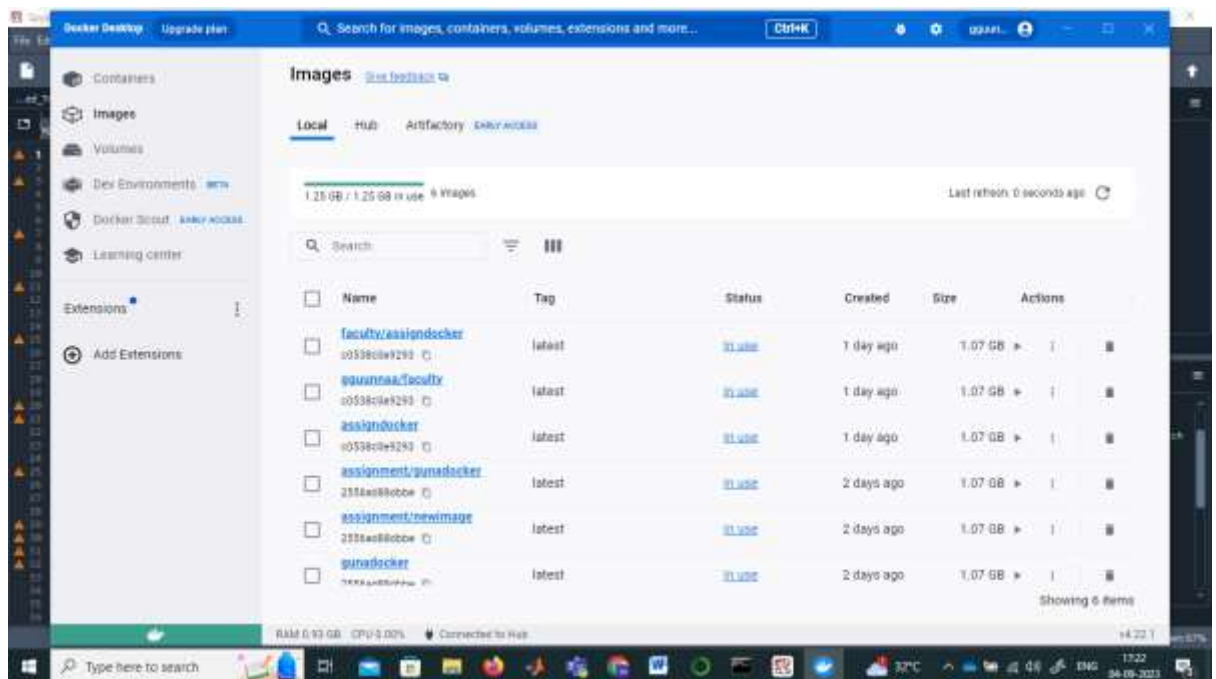


Figure 13 Different docker images created in docker hub

```
C:\Windows\System32\cmd.exe
application>docker push ggunnaa/assign
Using default tag: latest
The push refers to repository [docker.io/ggunnaa/assign]
An image does not exist locally with the tag: ggunnaa/assign

F:\Research activities\Program attended_Training_workshop_seminar\AICTE_Build a thon_2023_July 2023\Project Submission\ap
plication>docker tag baladocker ggunnaa/assign

F:\Research activities\Program attended_Training_workshop_seminar\AICTE_Build a thon_2023_July 2023\Project Submission\ap
plication>docker push ggunnaa/assign
Using default tag: latest
The push refers to repository [docker.io/ggunnaa/assign]
07cdf8ec8059: Pushed
2162e3597c32: Pushed
8500c8a1c1fa: Pushed
b1b0bdb25a0d: Pushed
c26be6bc81a1: Pushed
aa4c808c19f6: Pushed
0ba9f600e8ba: Pushed
3e607d59ef9f: Pushed
1e18e7e1fcc2: Pushed
c3a0d593ed24: Pushed
26a504e63be4: Pushed
0bf42db0de72: Pushed
11892cc114cb: Pushed
11936051f93b: Pushed
latest: digest: sha256:3647ba58b92173ab6a37e16a33f97a604a99c9227f8c2f32553aba9f4e154f53 size: 3263

F:\Research activities\Program attended_Training_workshop_seminar\AICTE_Build a thon_2023_July 2023\Project Submission\ap
plication>
```

Figure 14 Docker image is pushed to docker hub

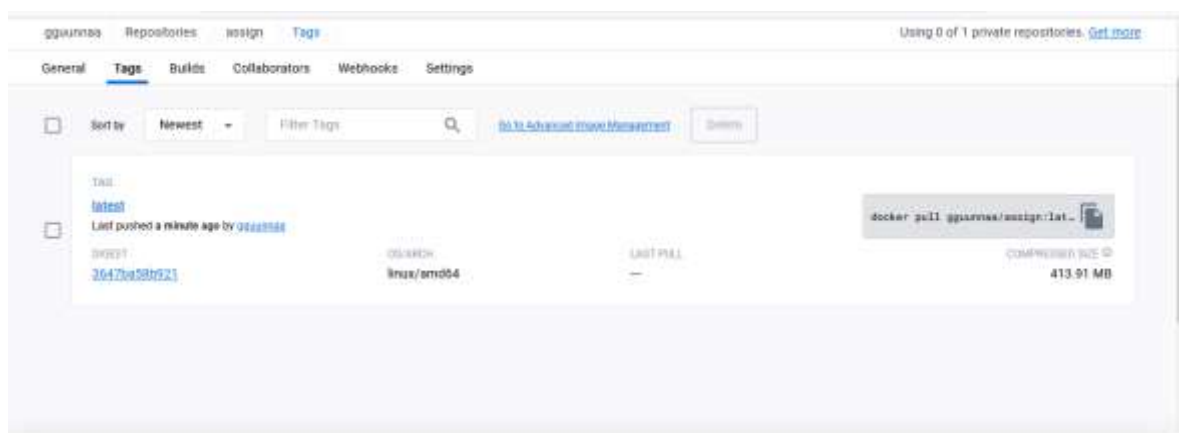


Figure 15 Pushed docker image in docker hub



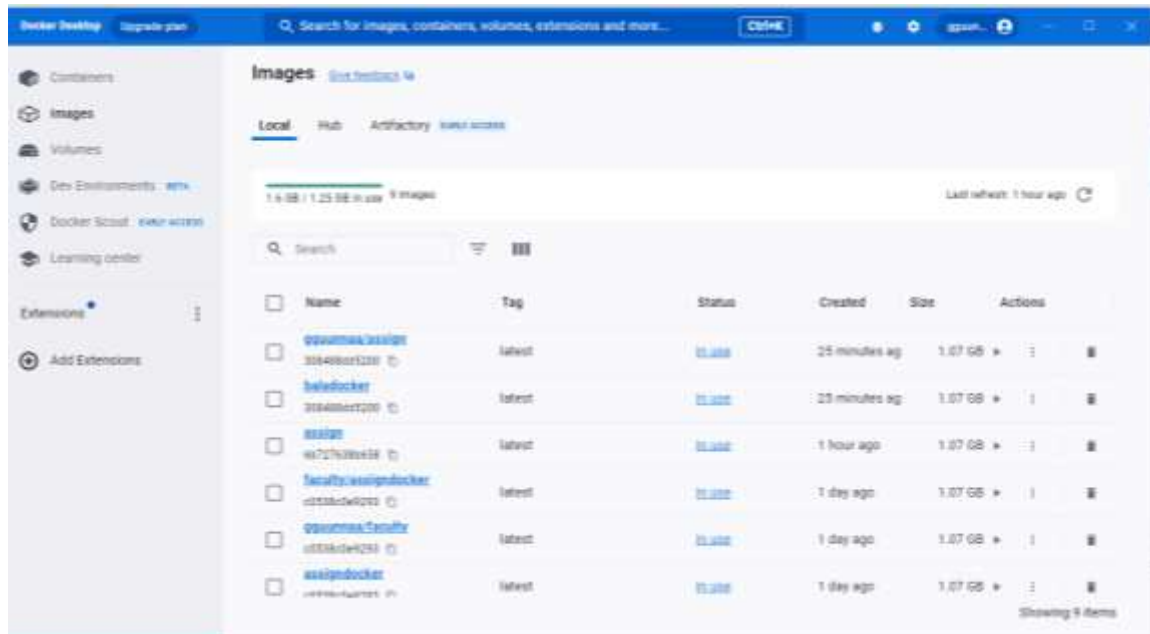


Figure 16 Pulled docker image from docker hub to docker desktop

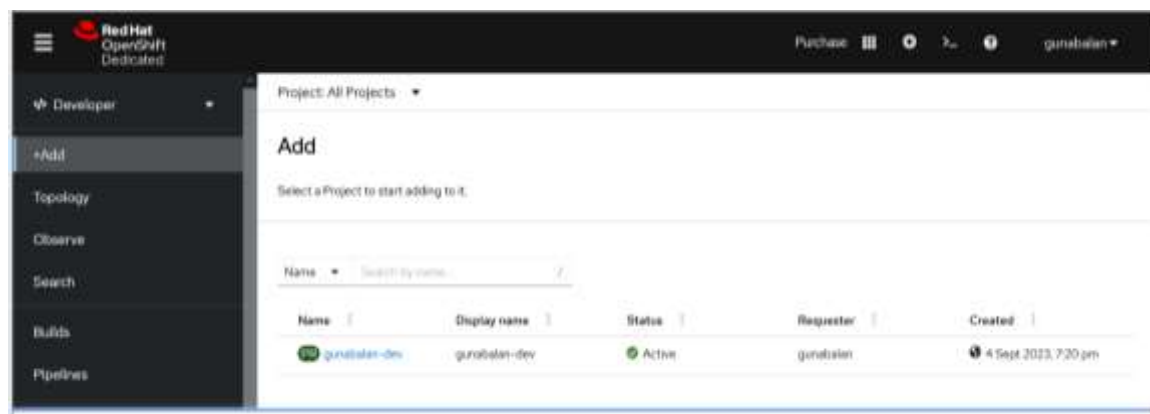


Figure 17 Login page in redhat

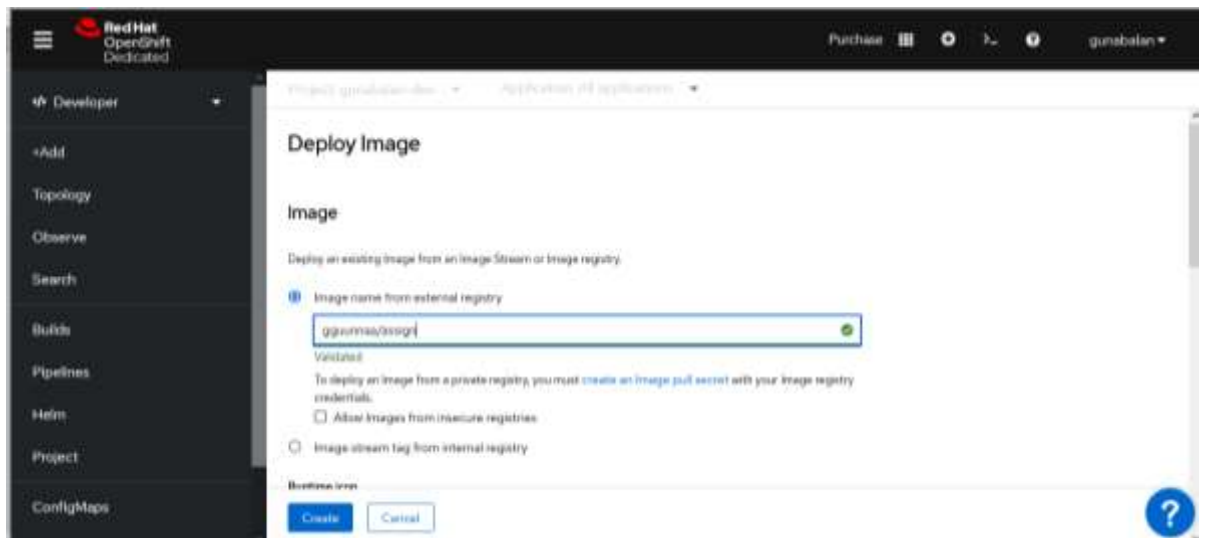


Figure 18 Image deployment in redhat

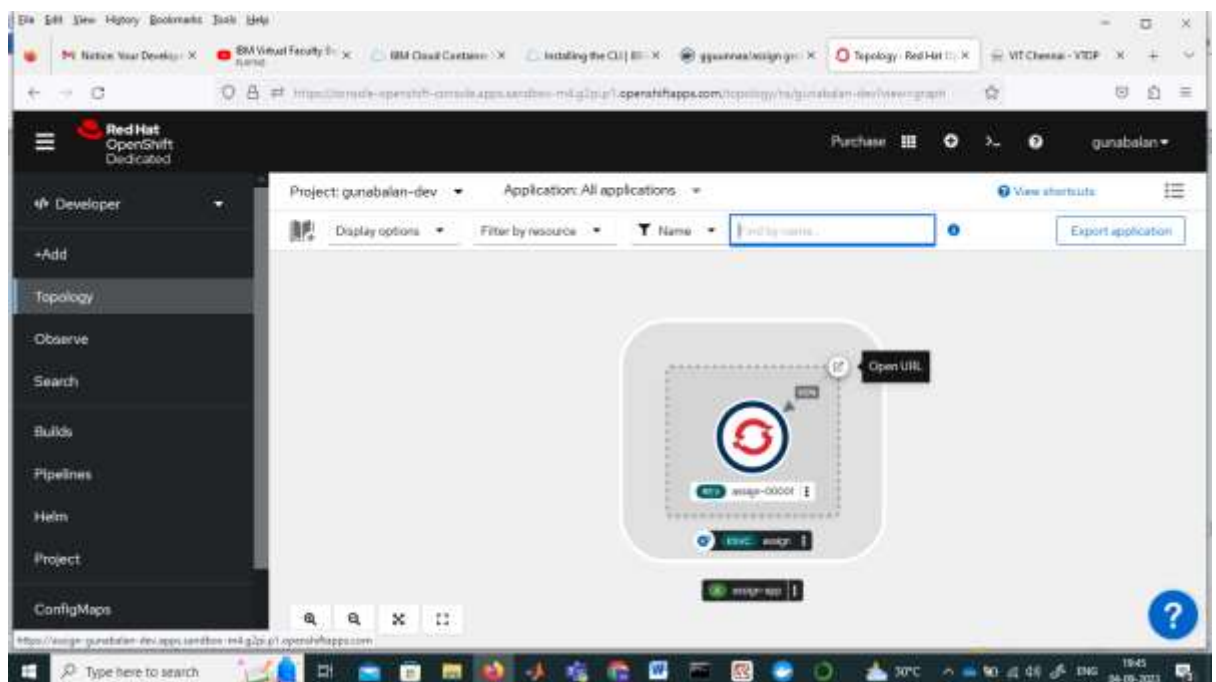


Figure 19 Application deployment in redhat

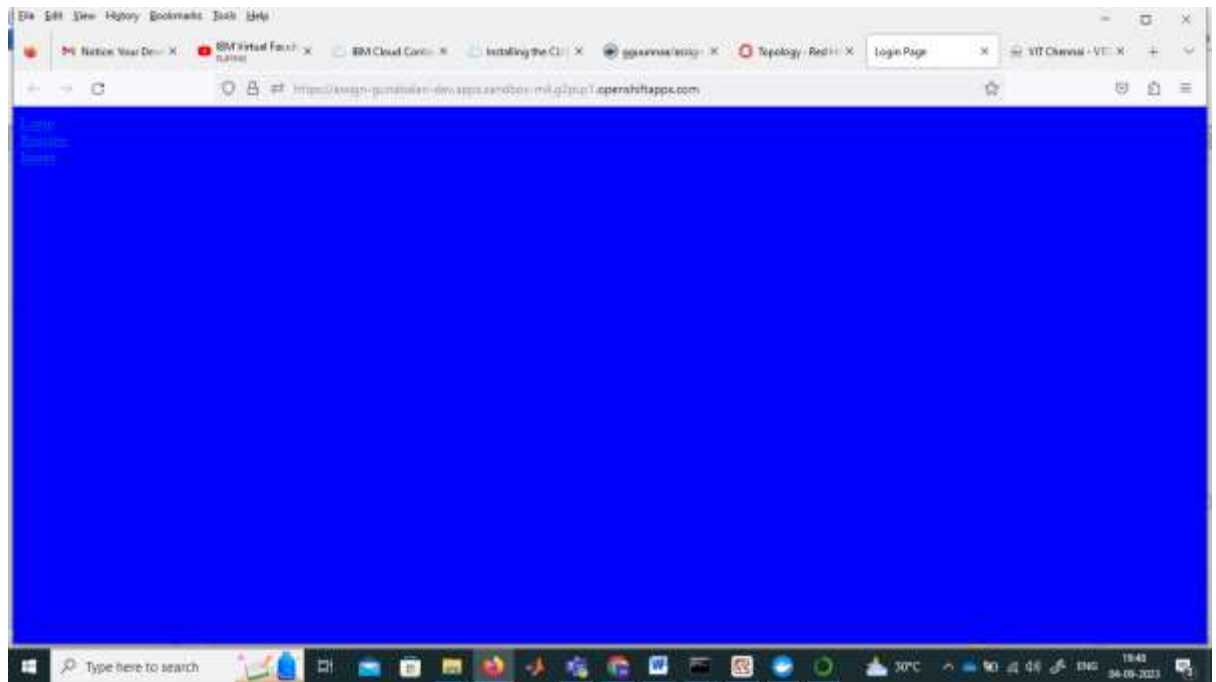


Figure 20 After application deployment with URL

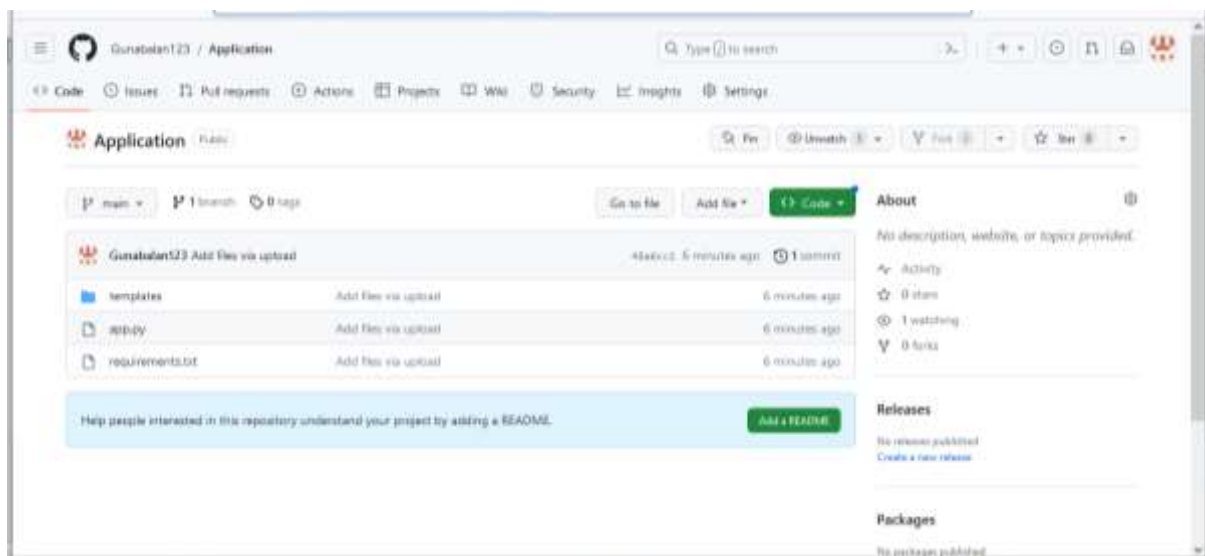


Figure 21 Git Hub repository

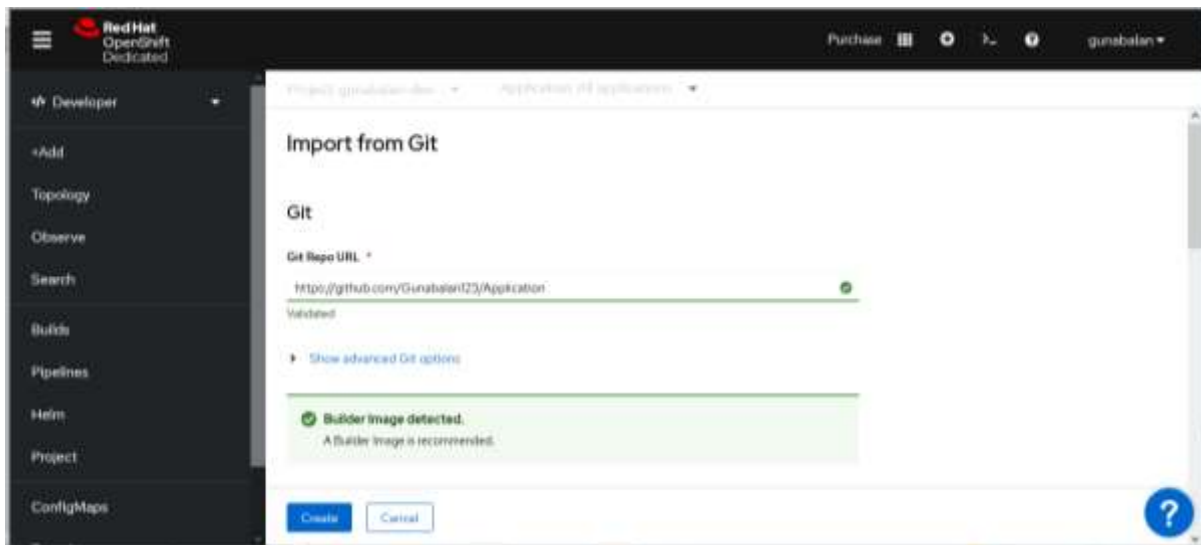


Figure 22 Redhat import

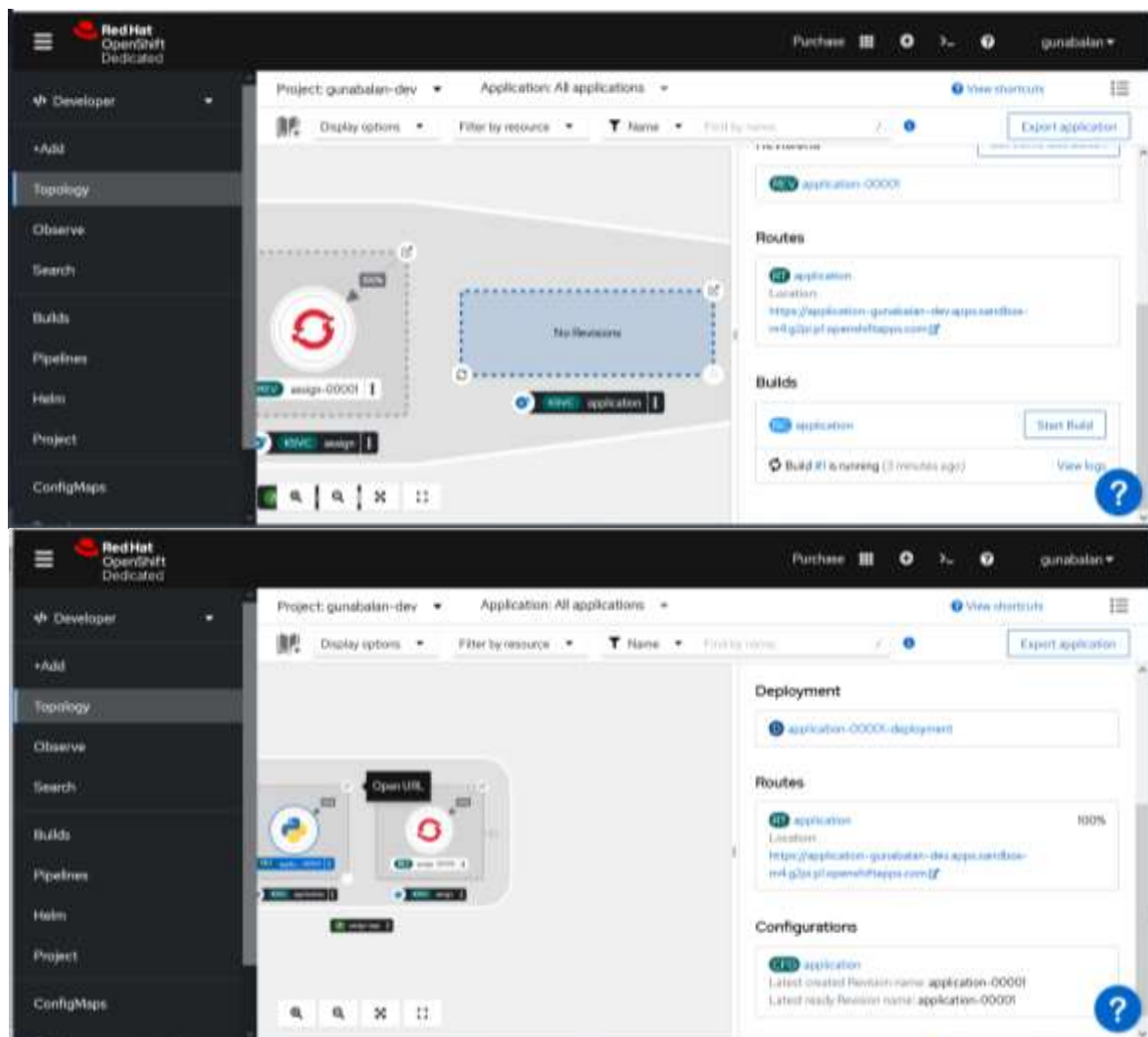


Figure 23 Github application deployment in redhat

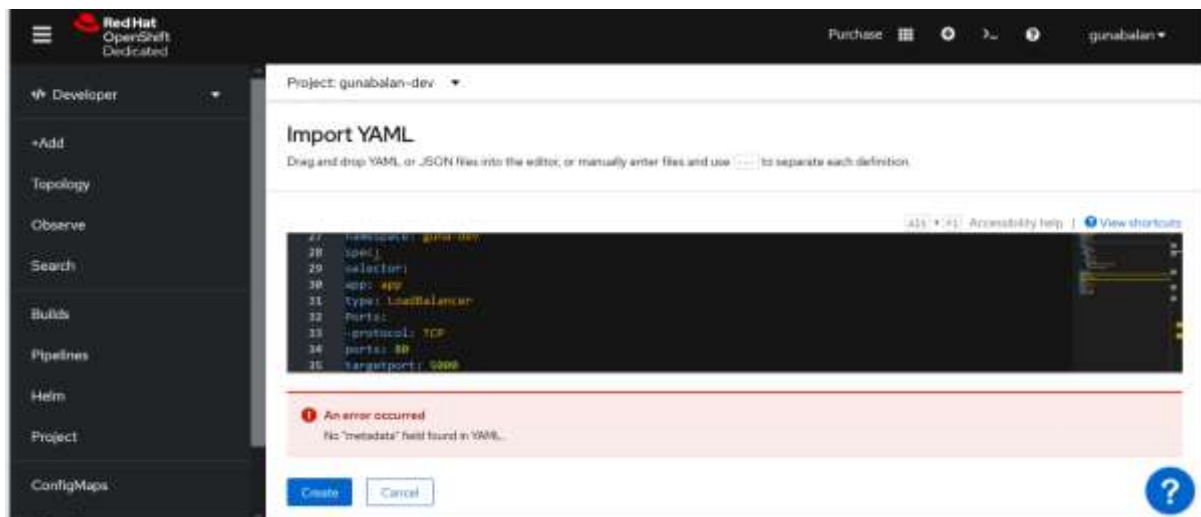


Figure 24 YAML application deployment in redhat