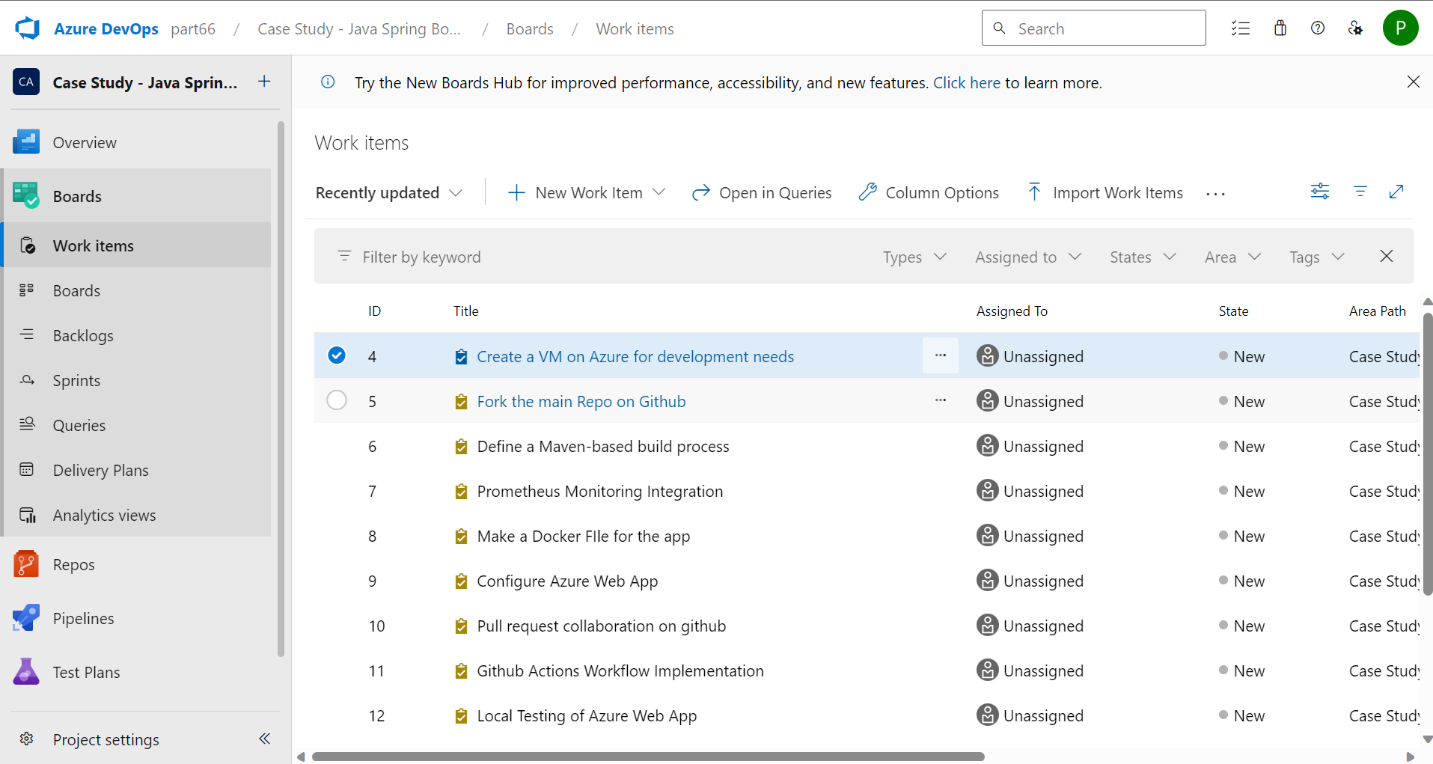
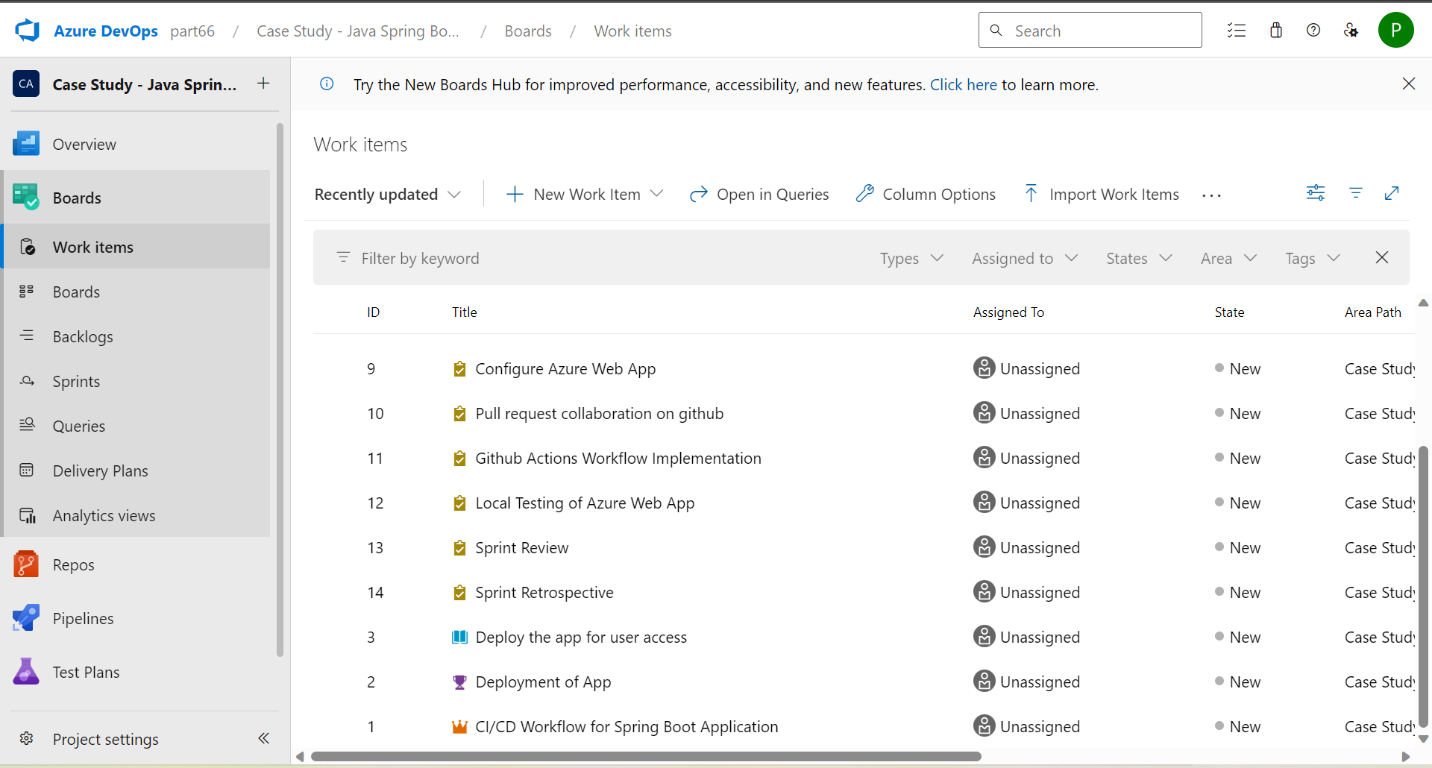
Case Study – Java Spring Boot App Deployment

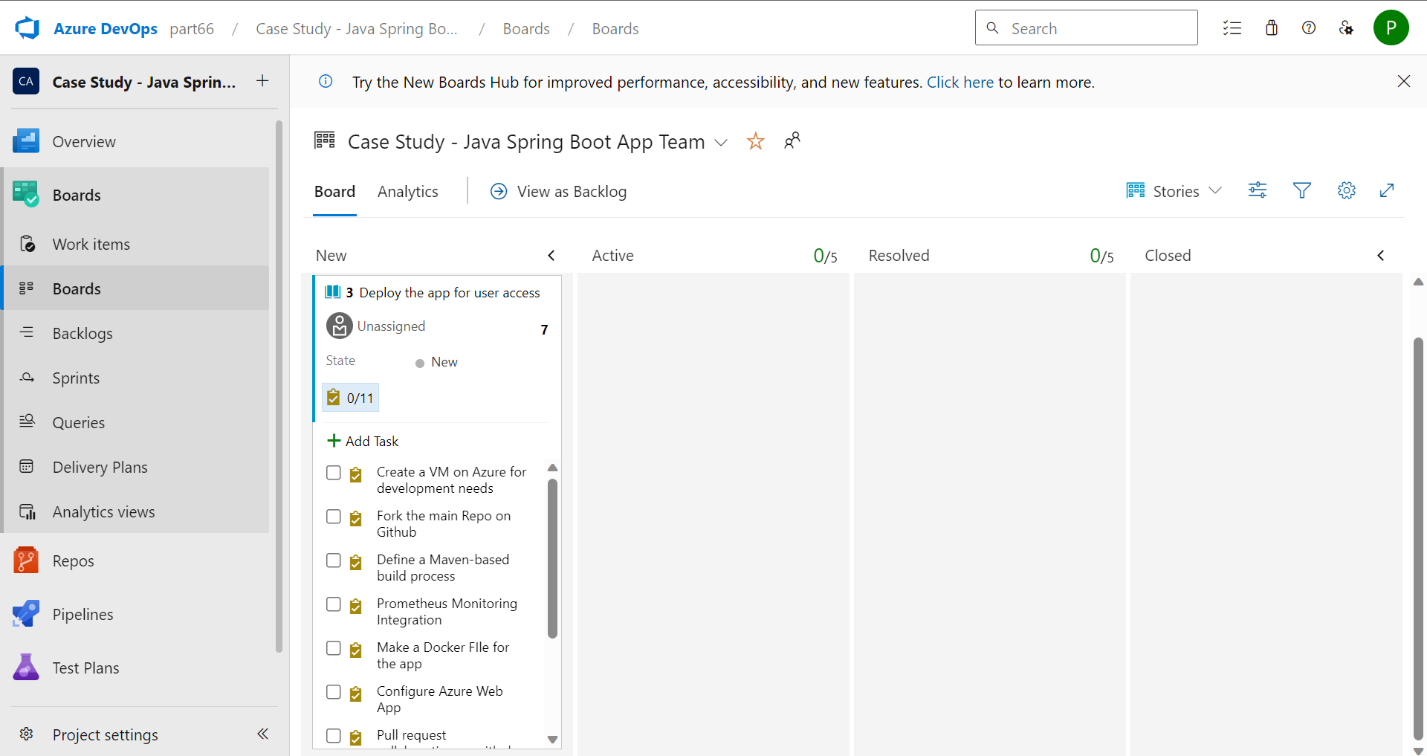
28/08/2023

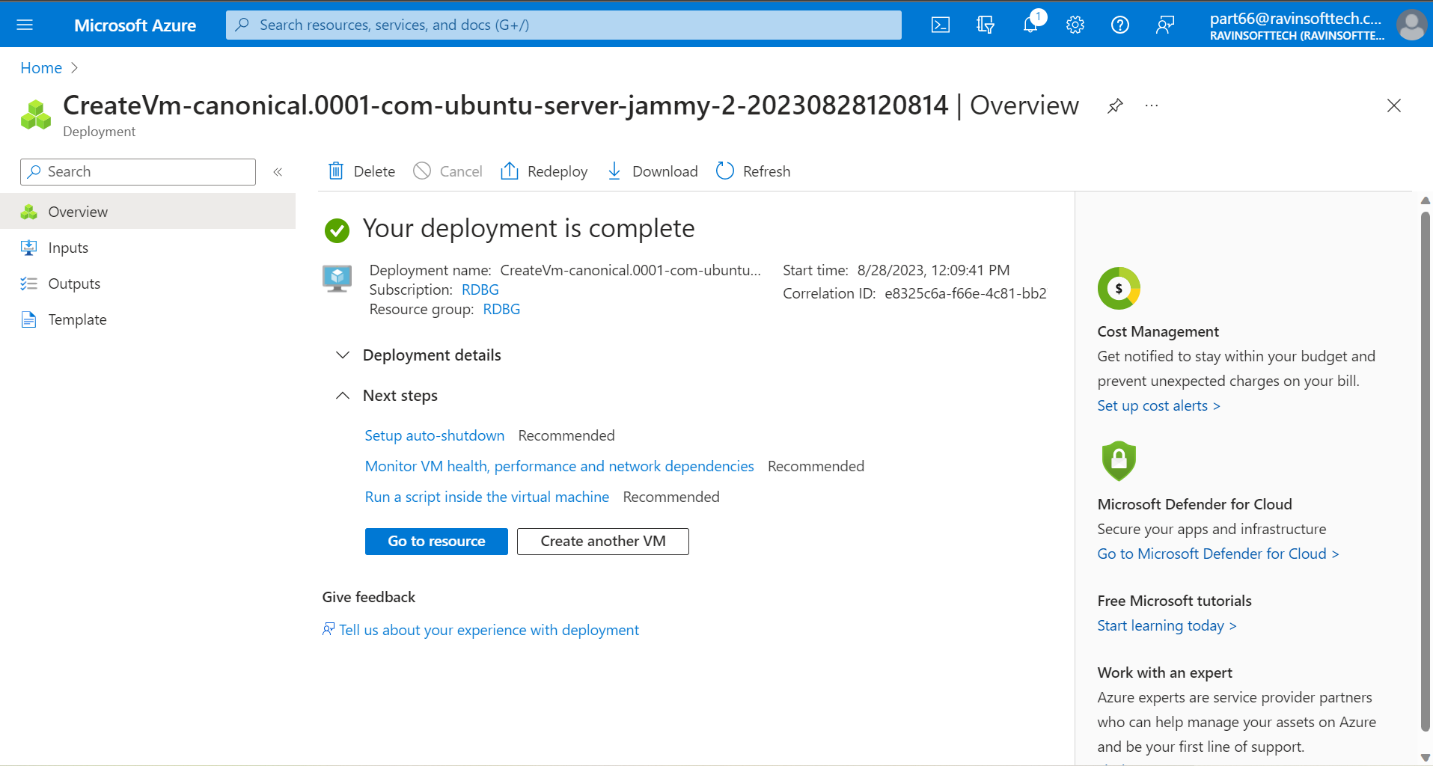
By, Pragun Sood

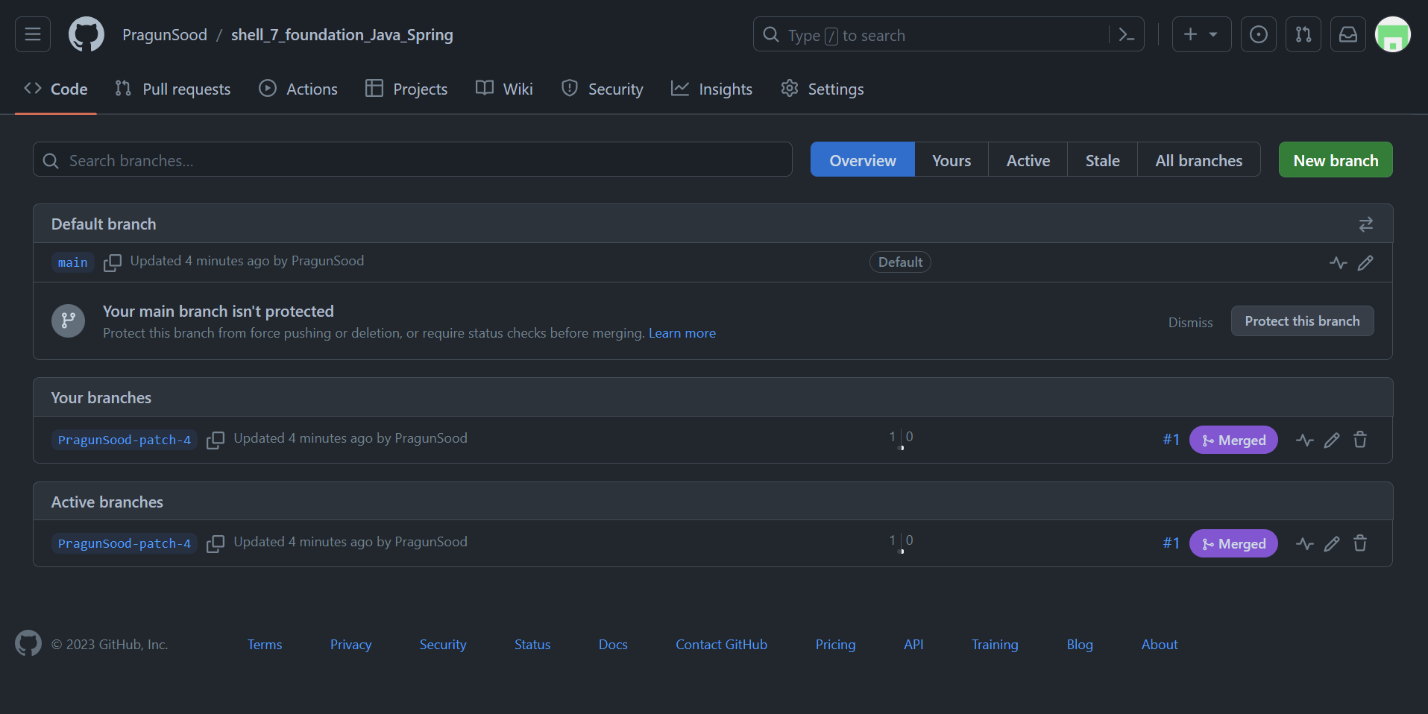
**Azure Devops**

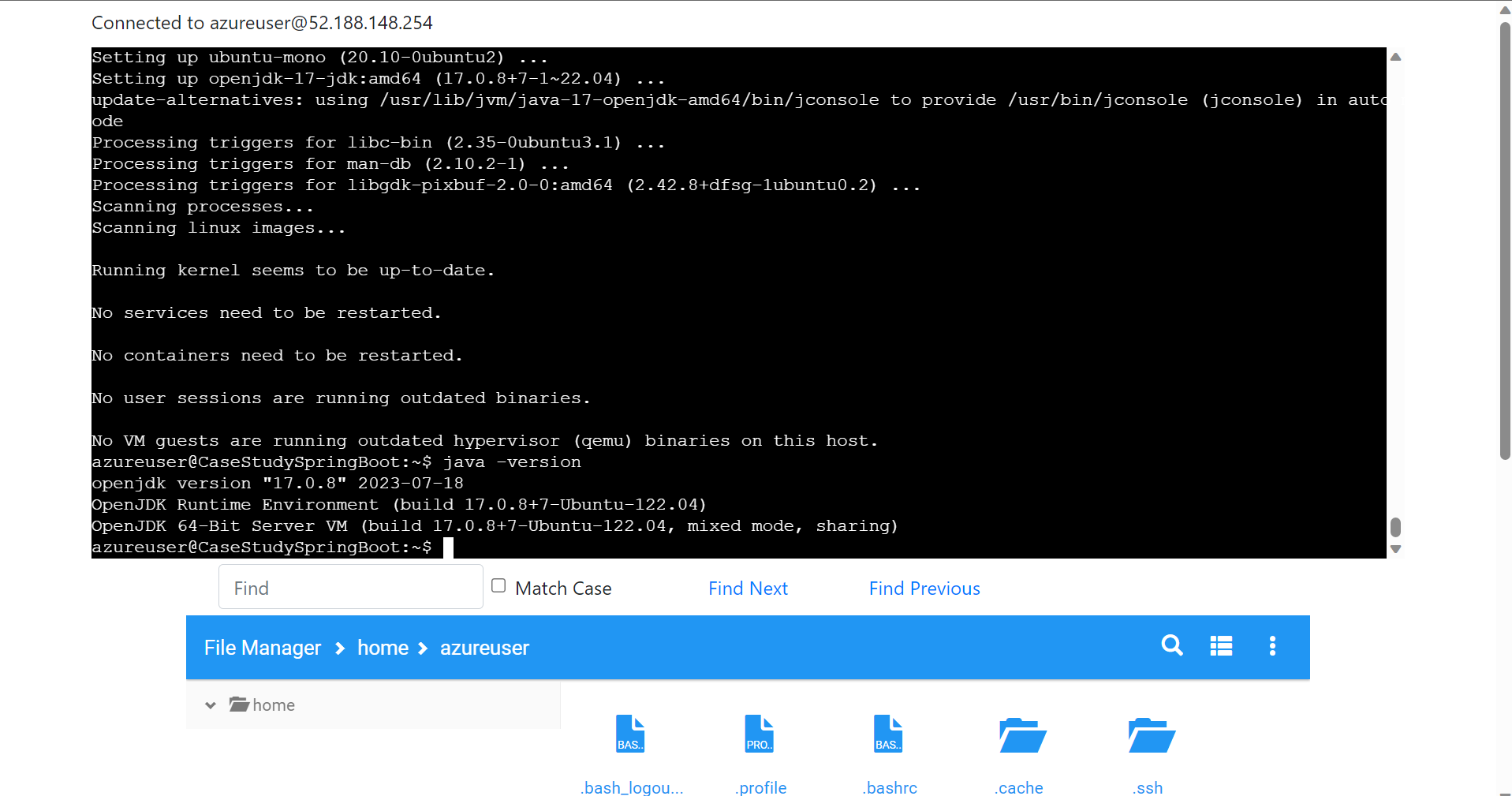


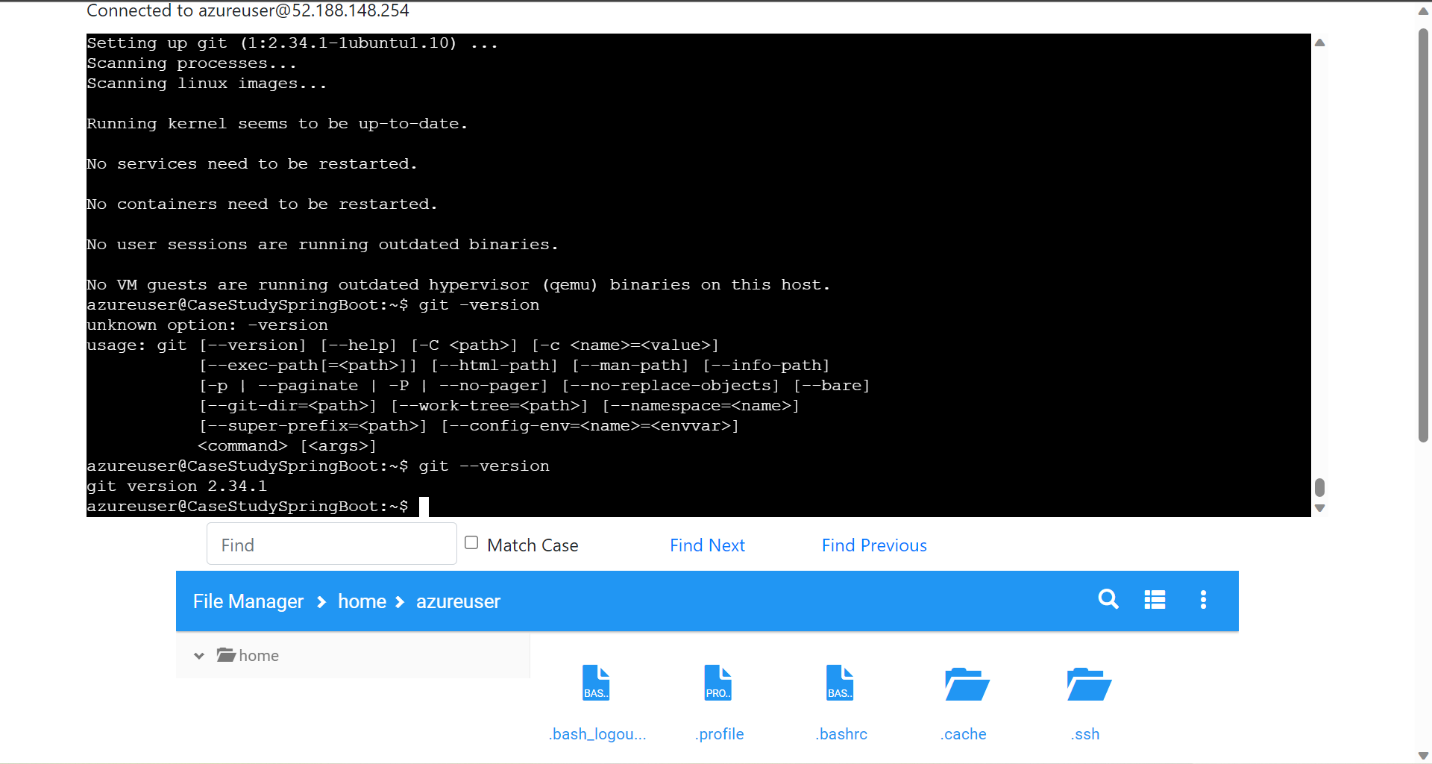


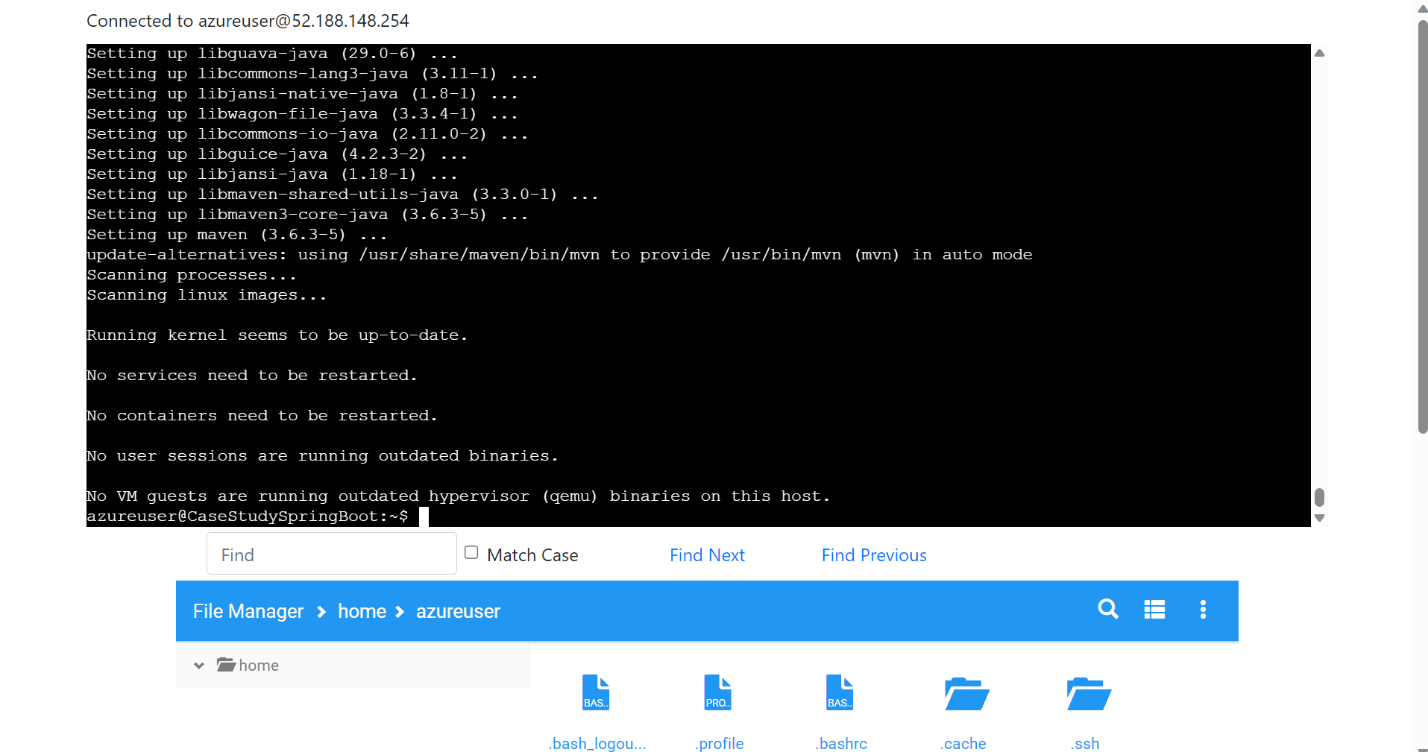
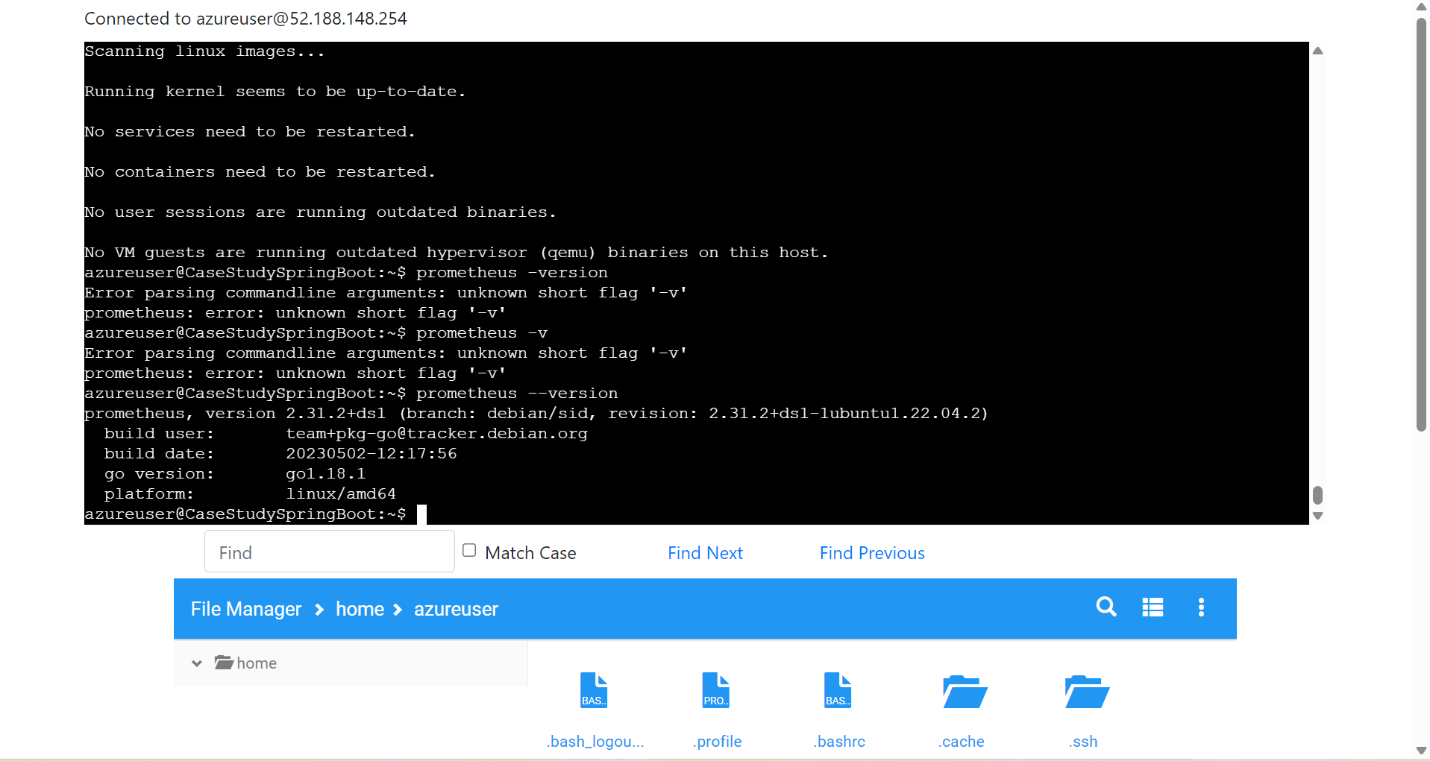
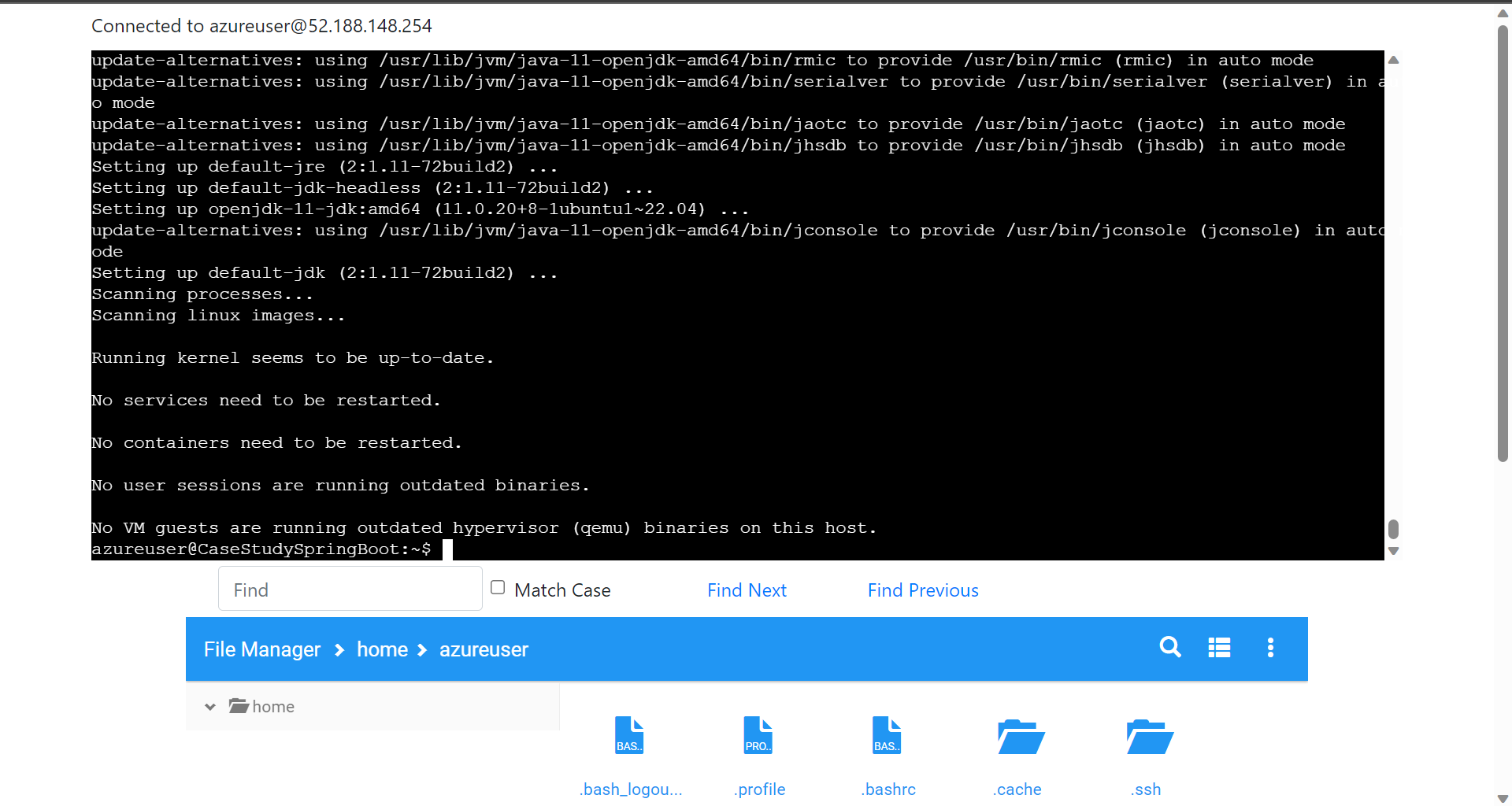
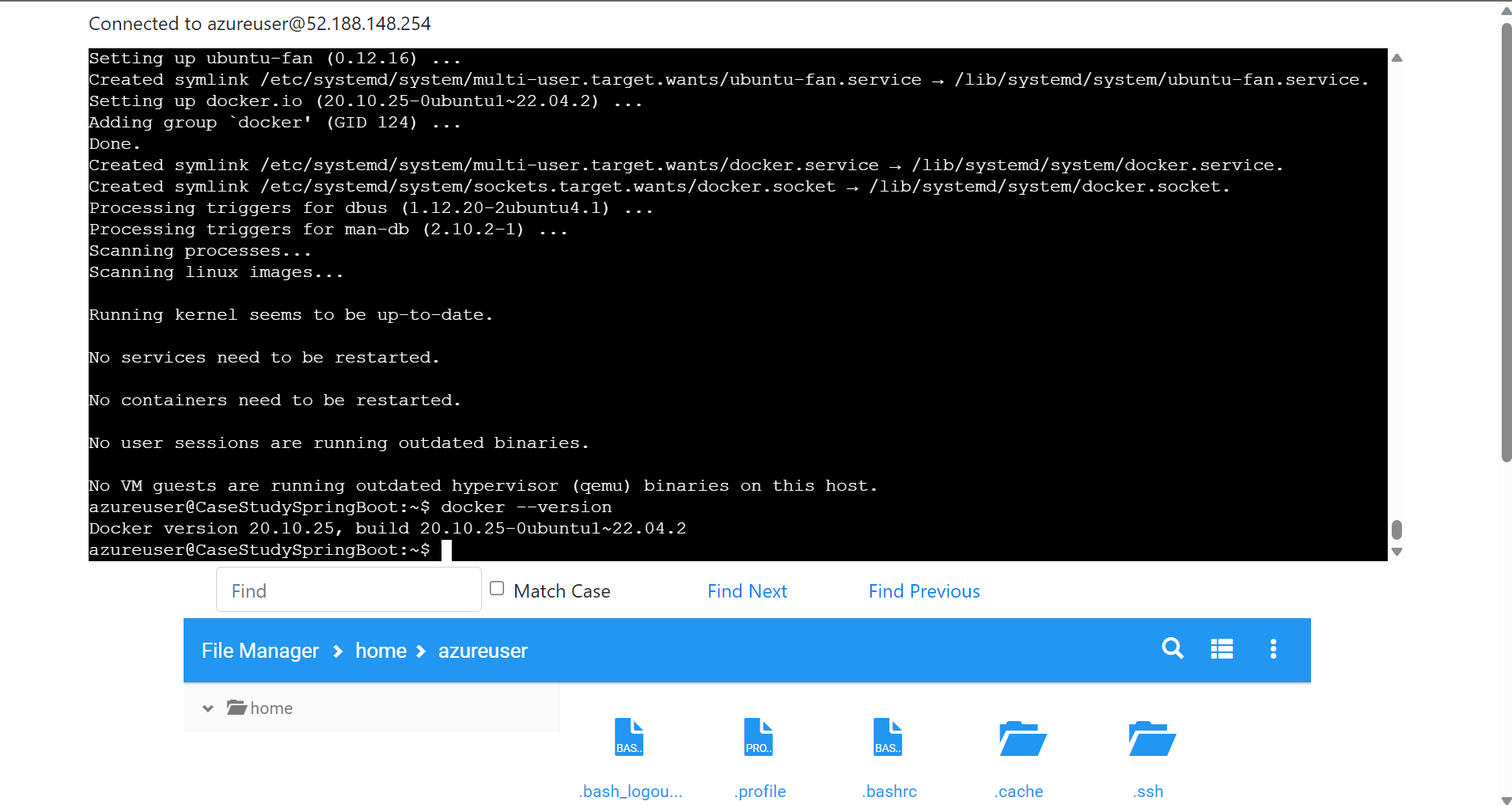


 **VM Creation**

 **GitHub Fork**

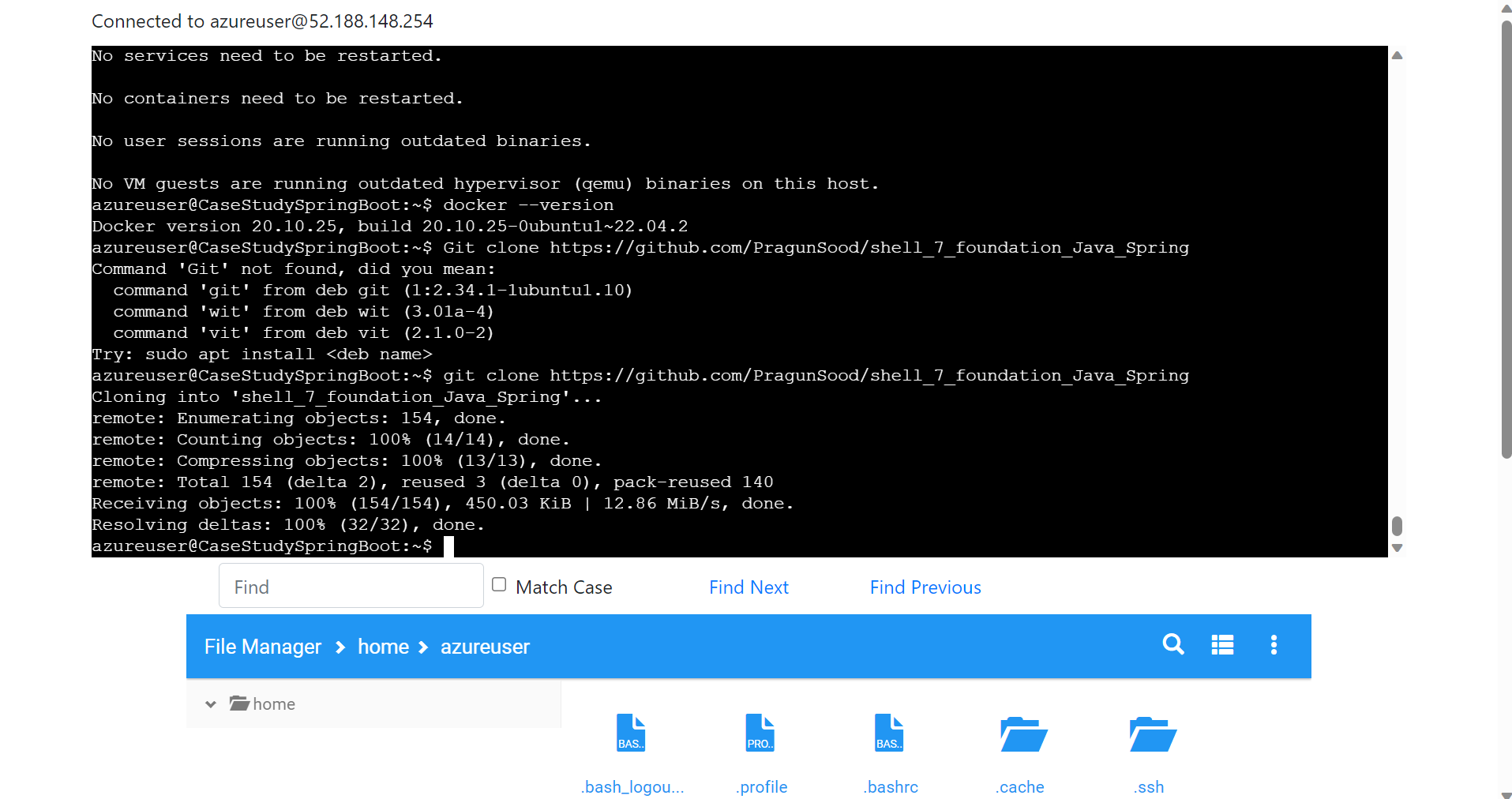
 **Installing Dependencies**





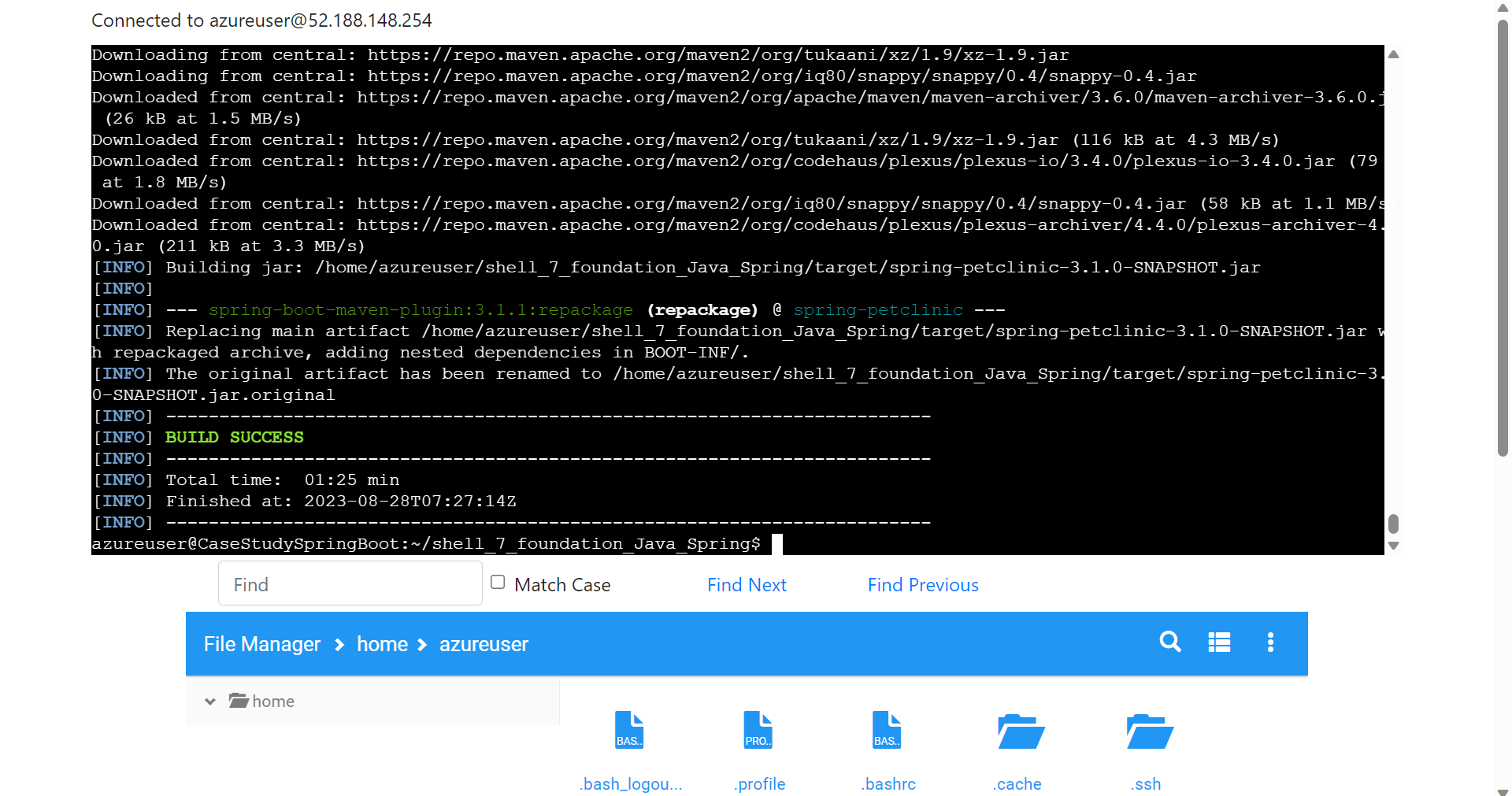
**Git Clone**

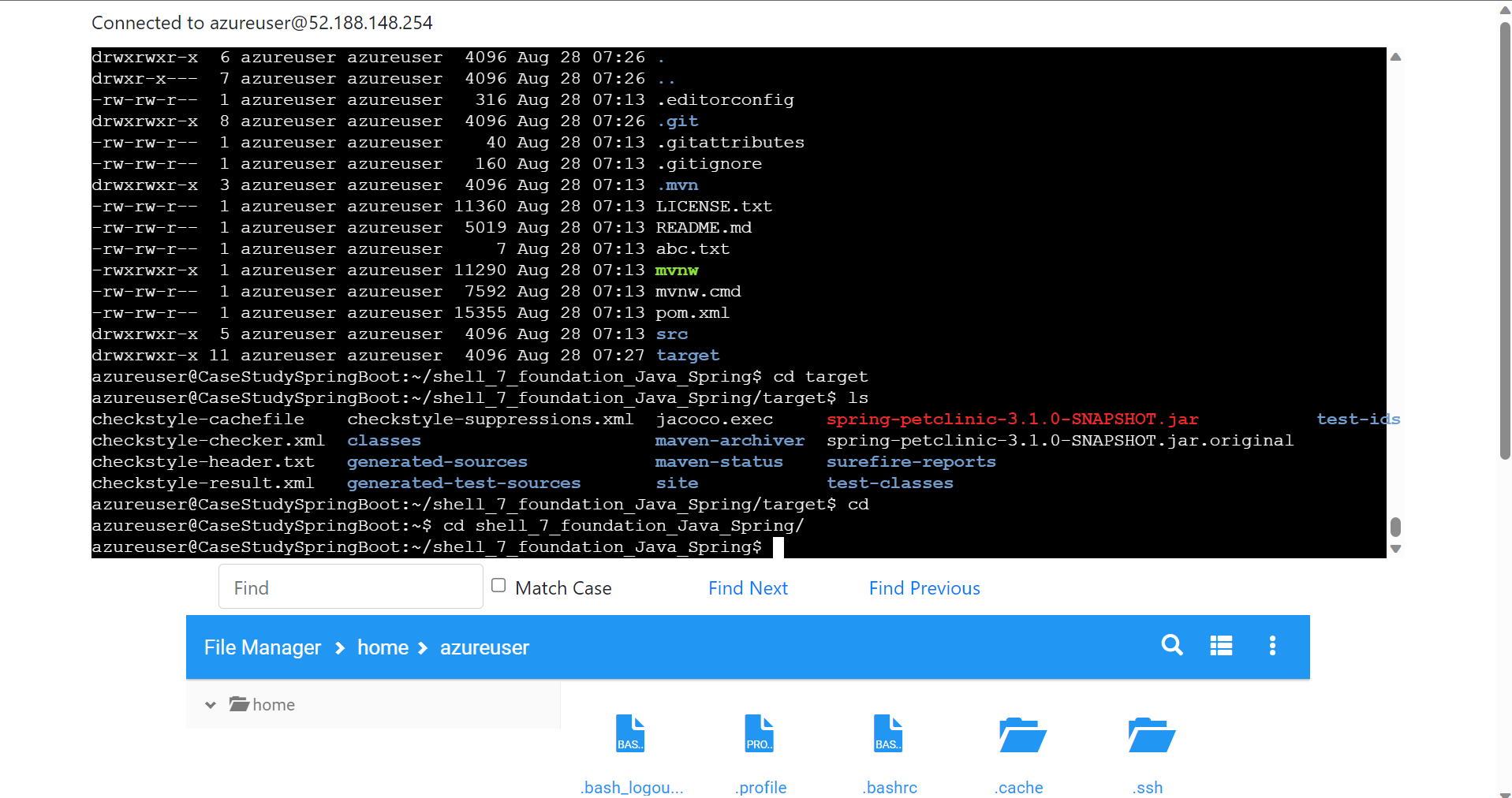
Cloned git repo to VM



**Maven Build Package**

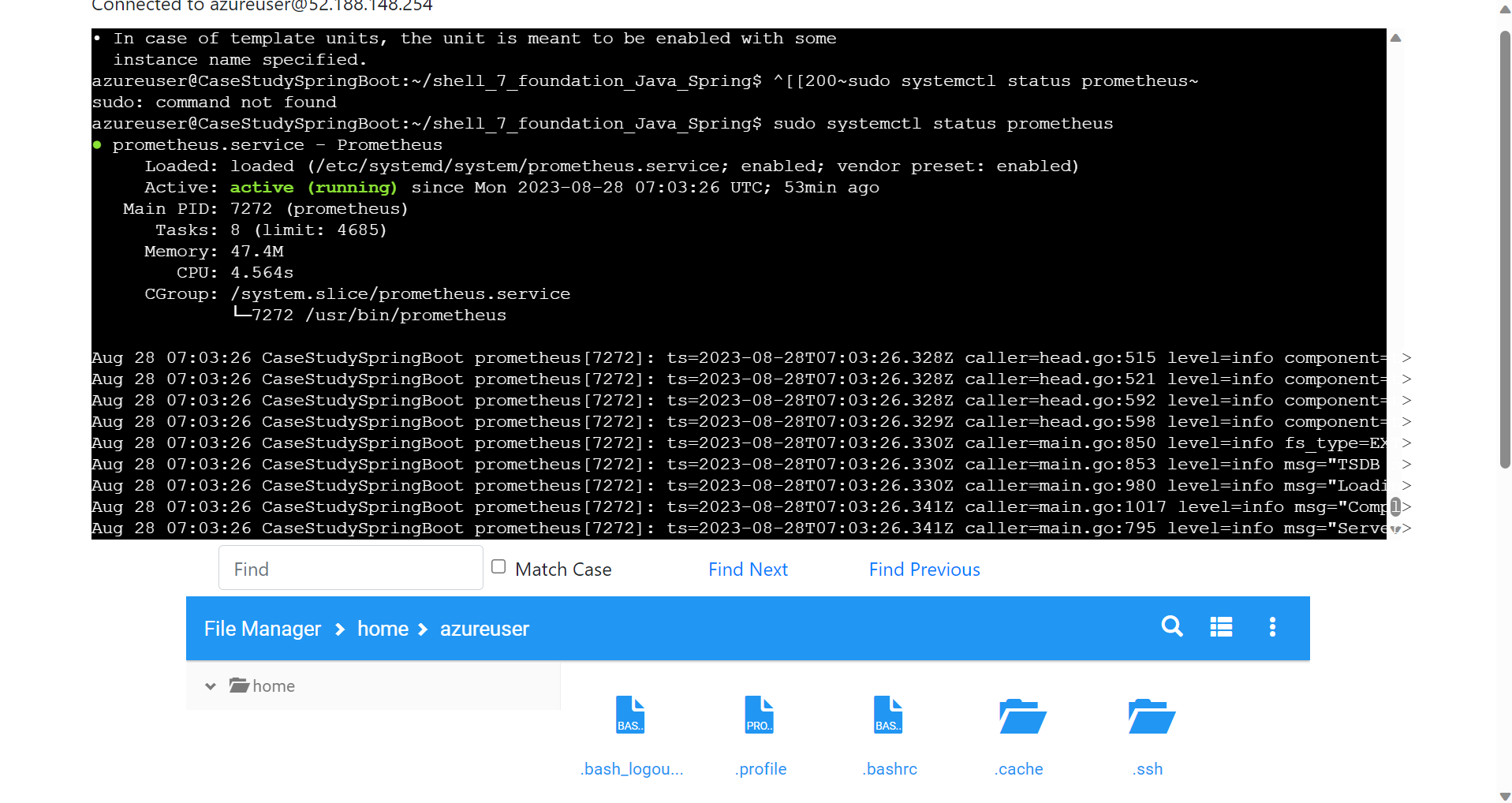
Built jar file using maven build package





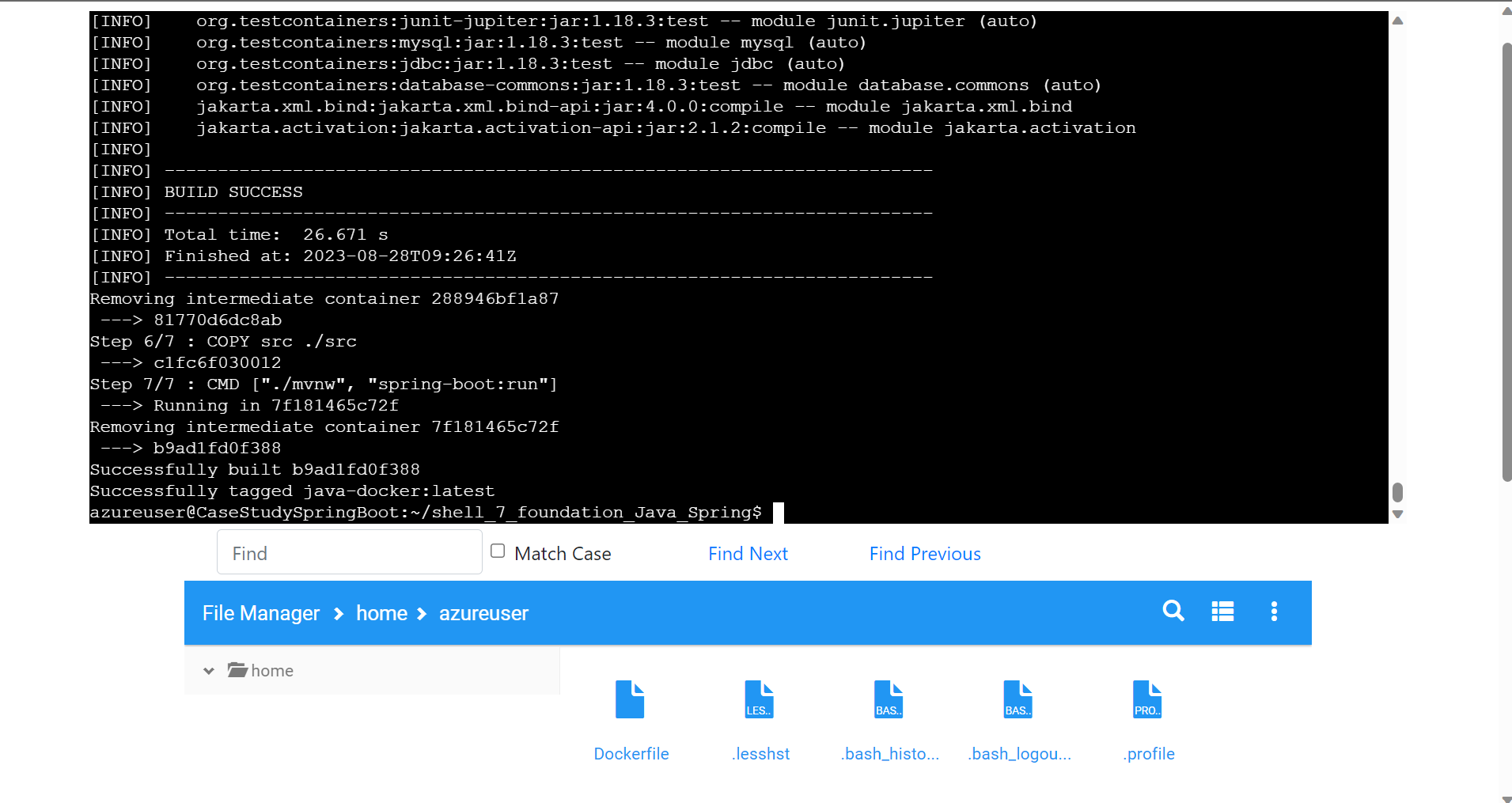
**Prometheus Run**

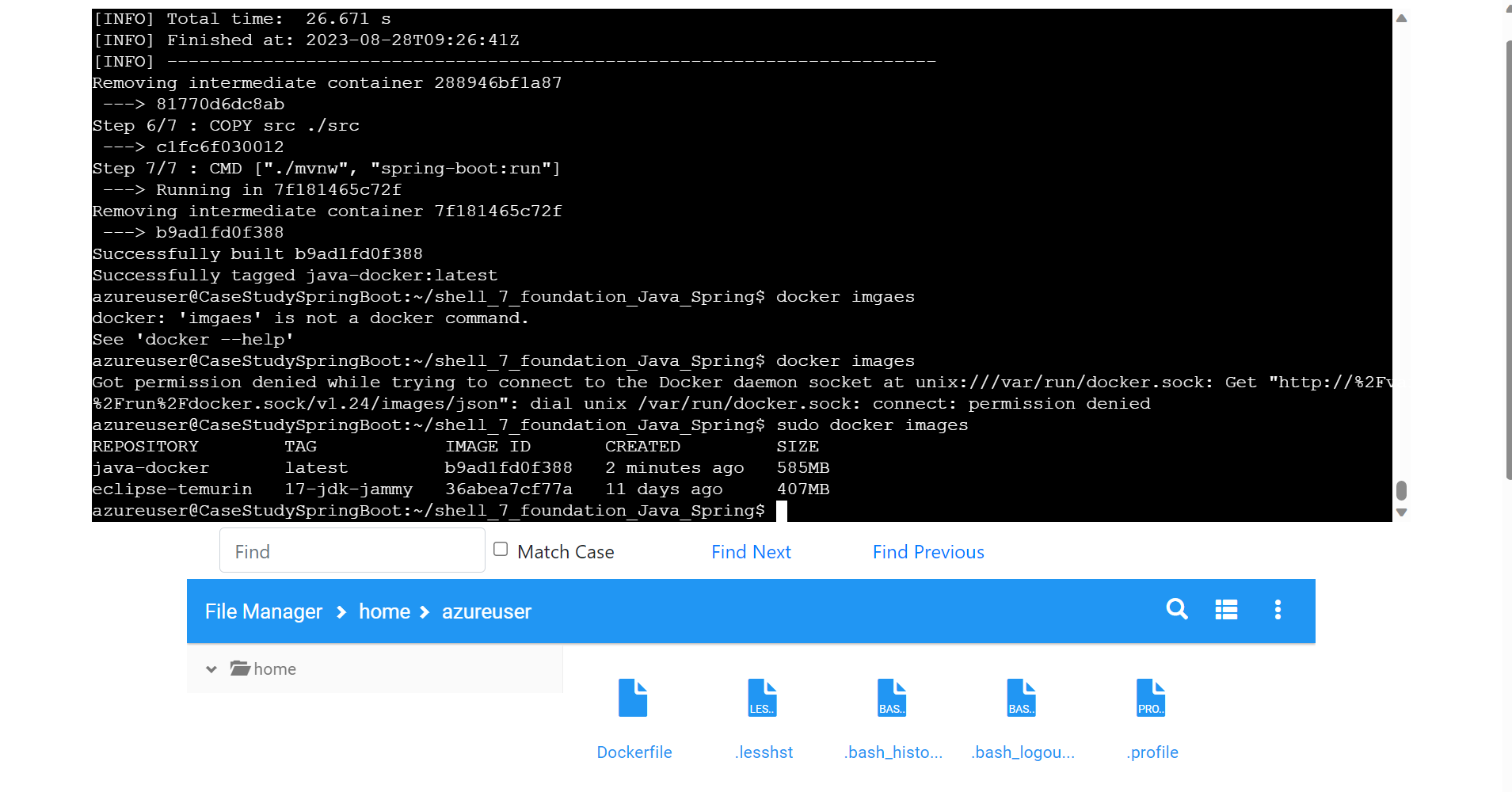
Ran Prometheus to monitor local environment



**Docker Image**

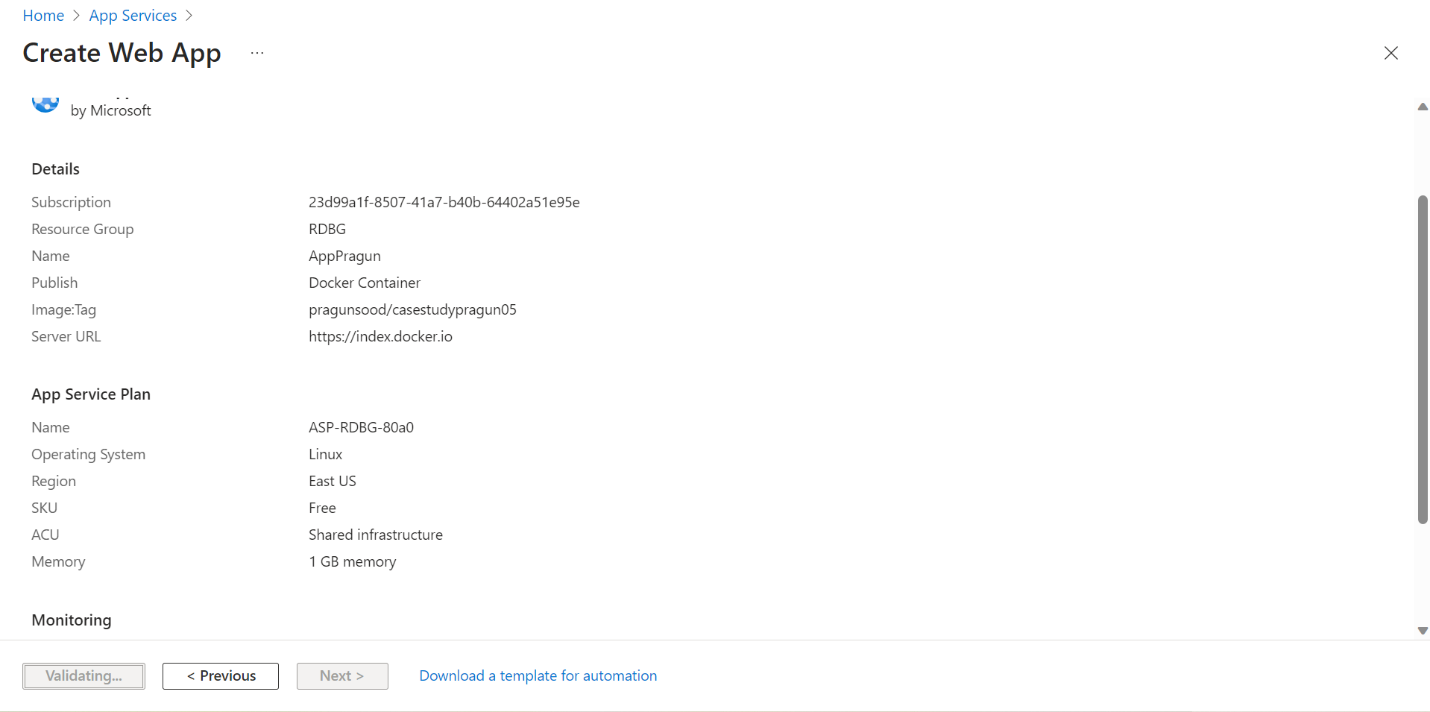
Created docker image and pushed to docker hub for use

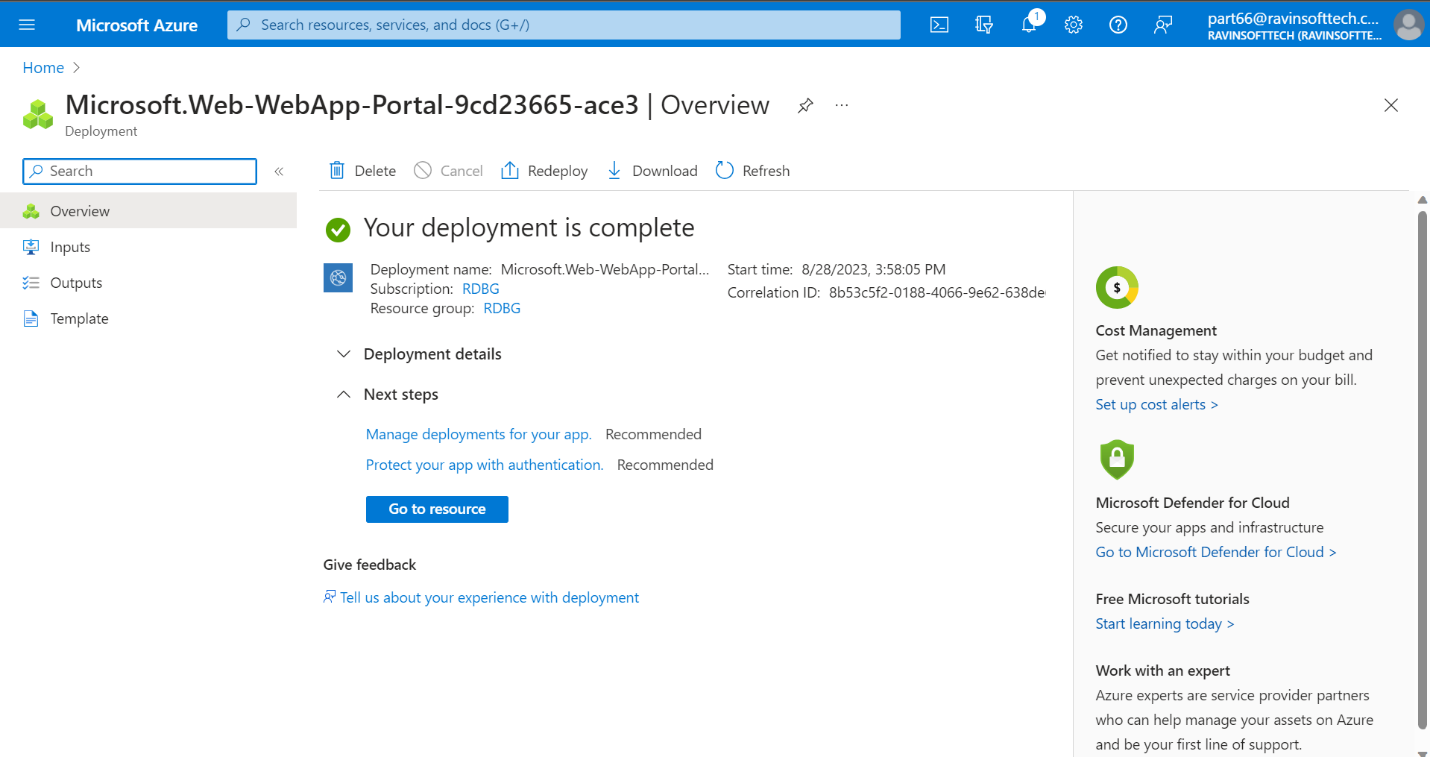


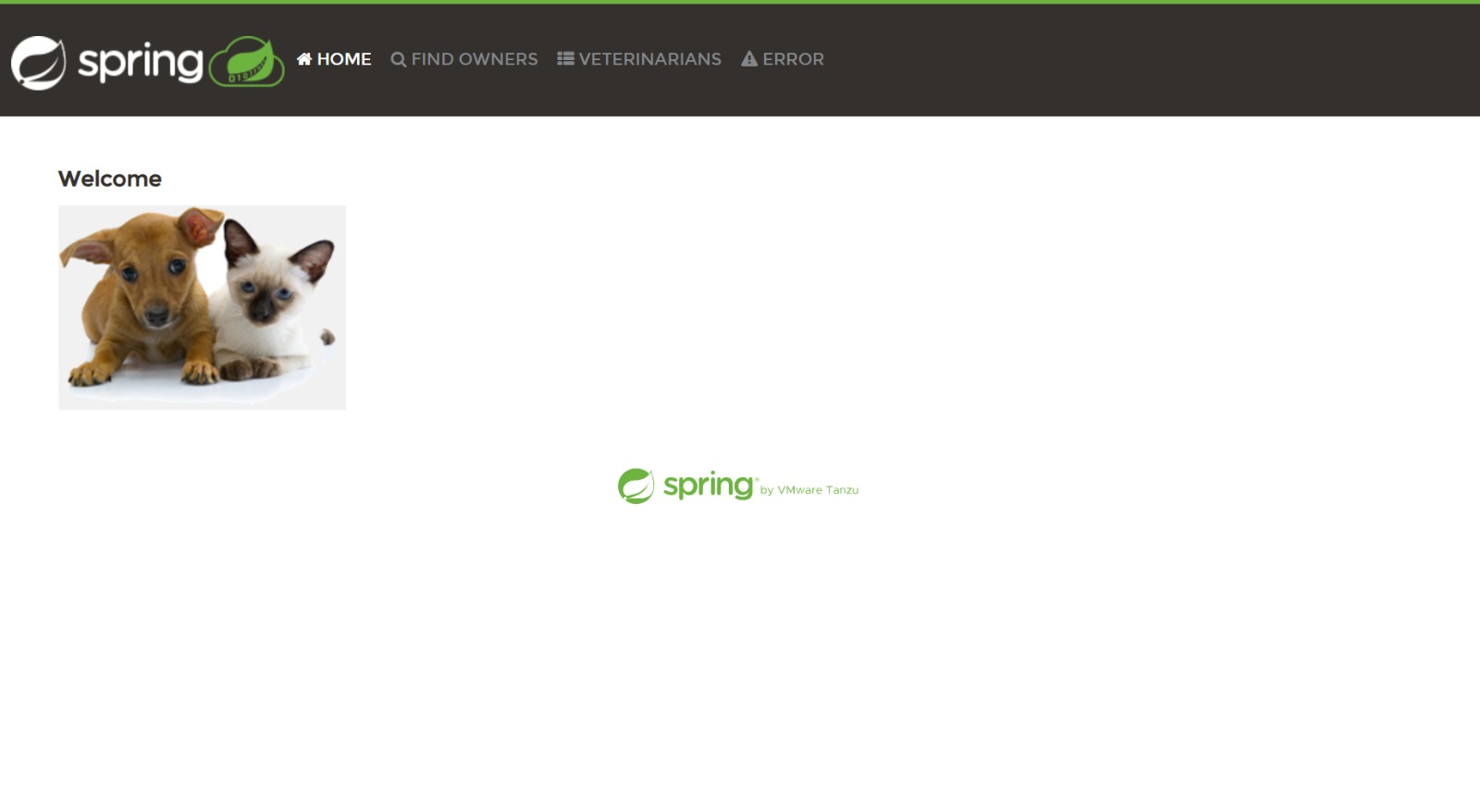


**Azure Web App**

Deployed Web App with docker container

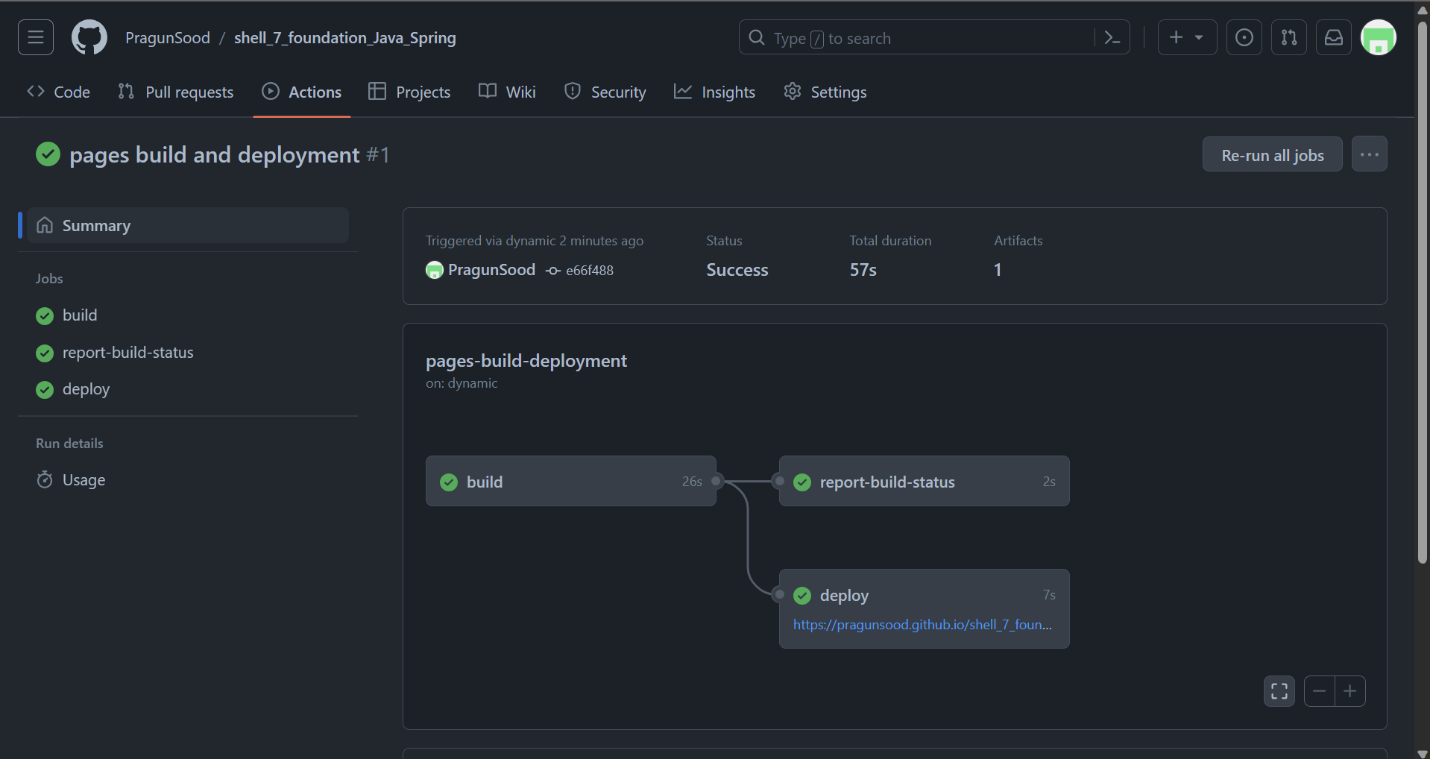


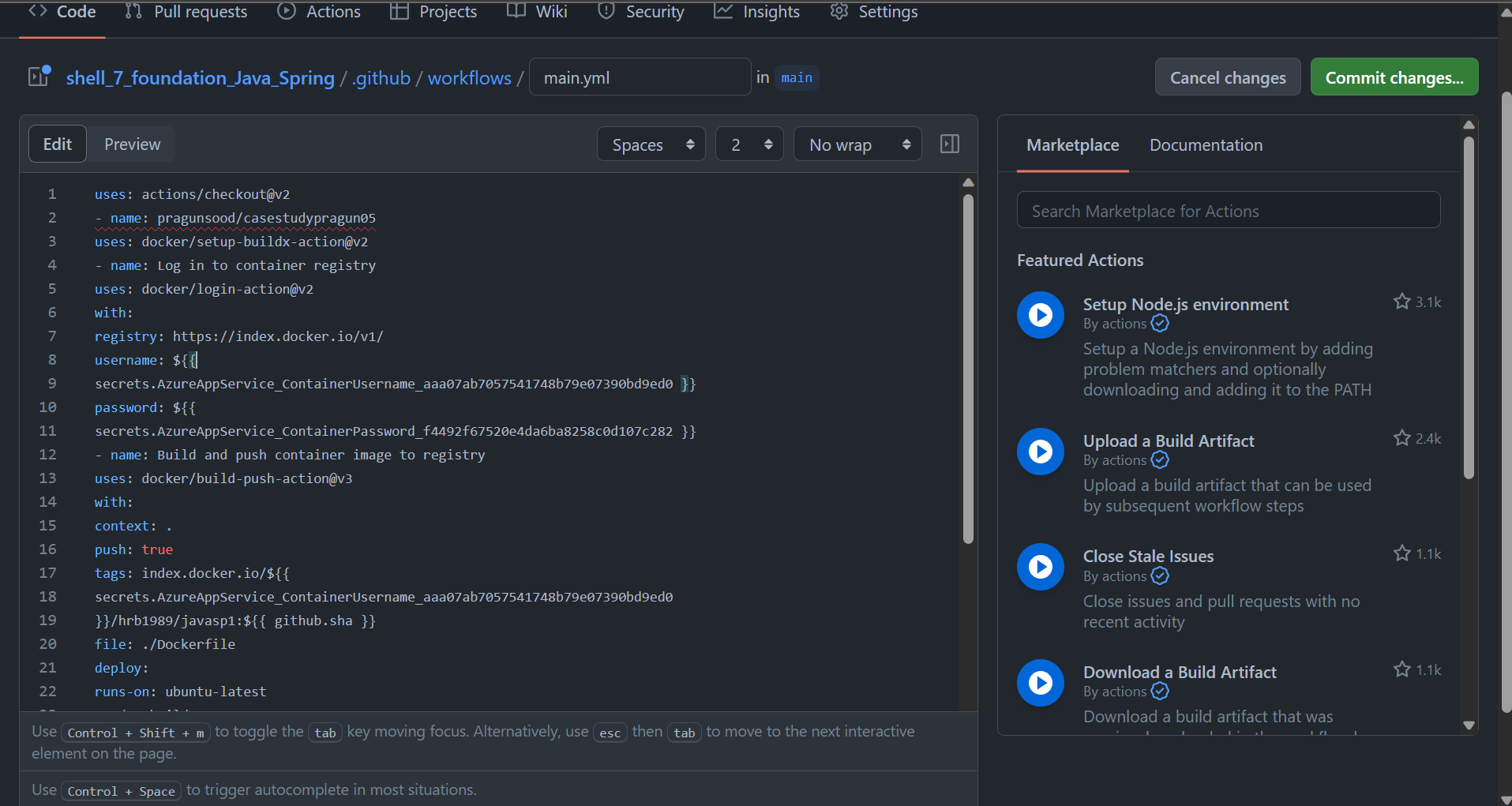


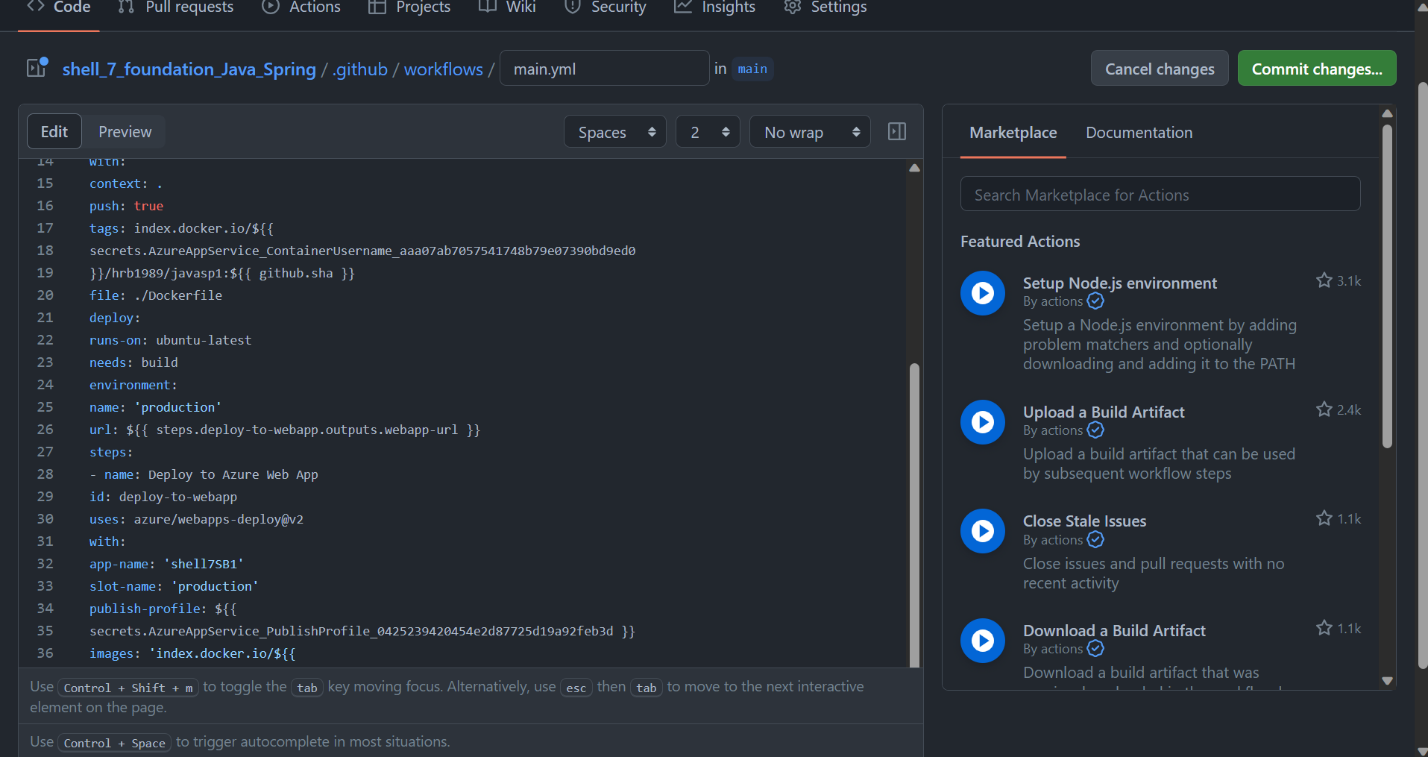


**Github Actions**

Implemented Workflow

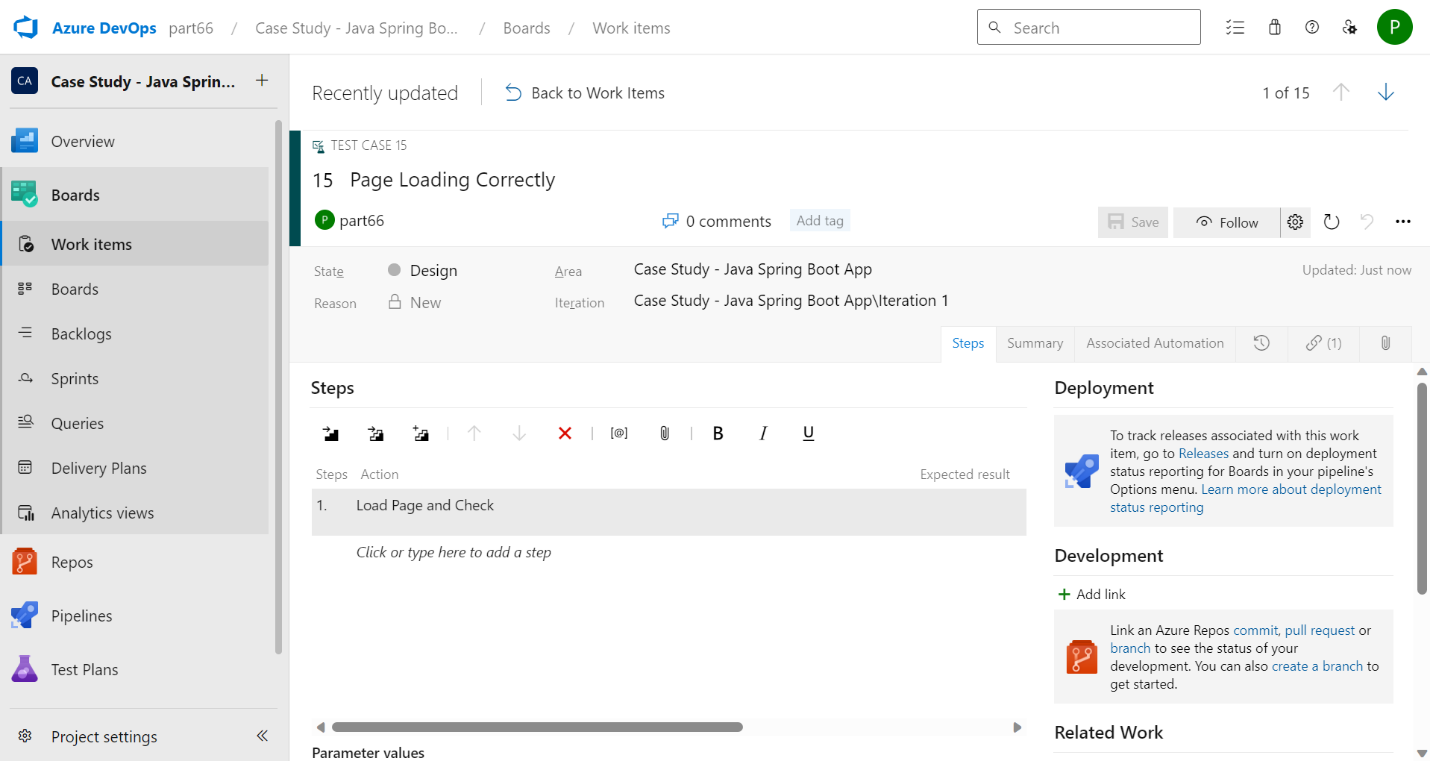




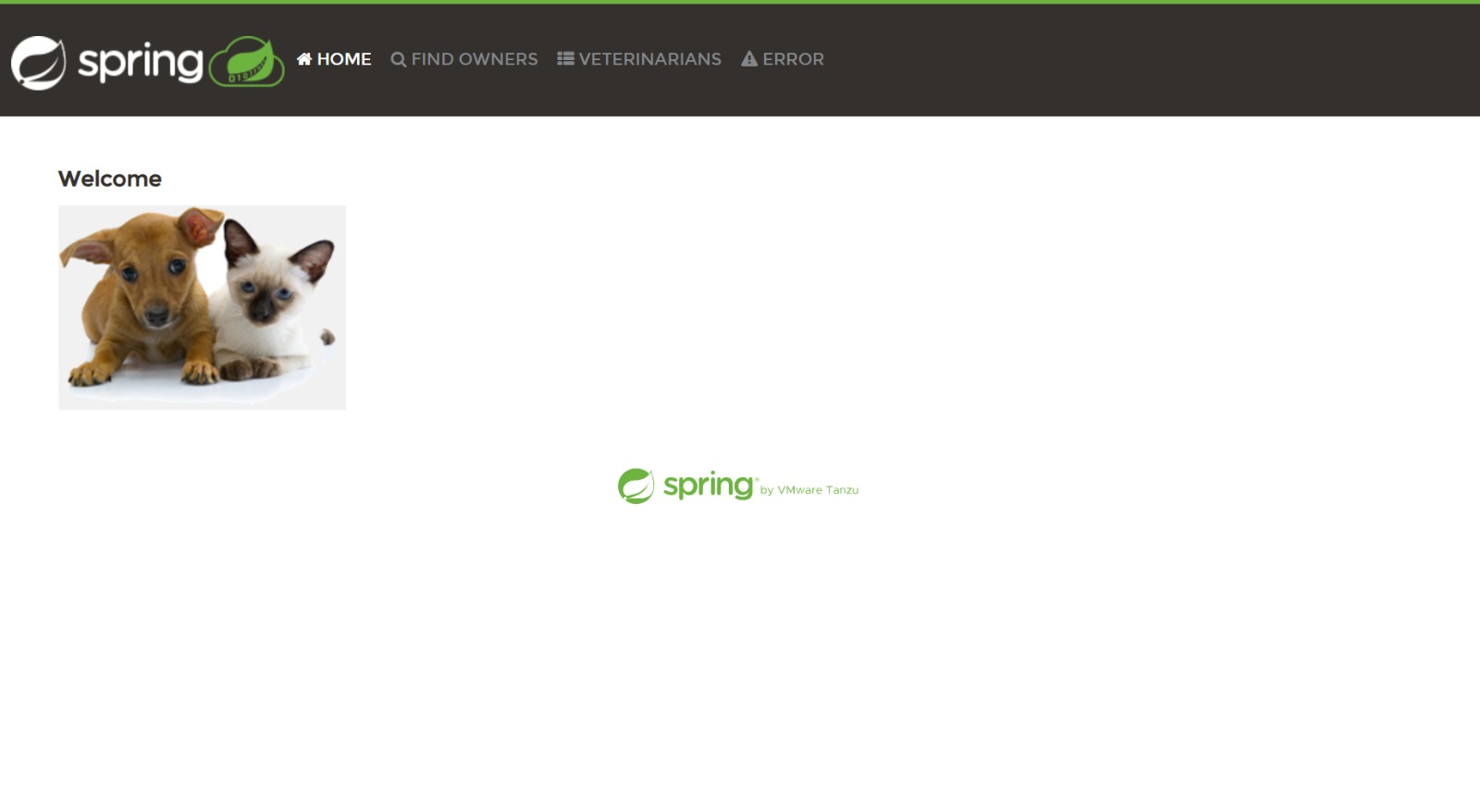


**Local Testing**

Testing done. Working Fine.



**Outcome**



All tasks are done. I have learnt a lot doing this case study.