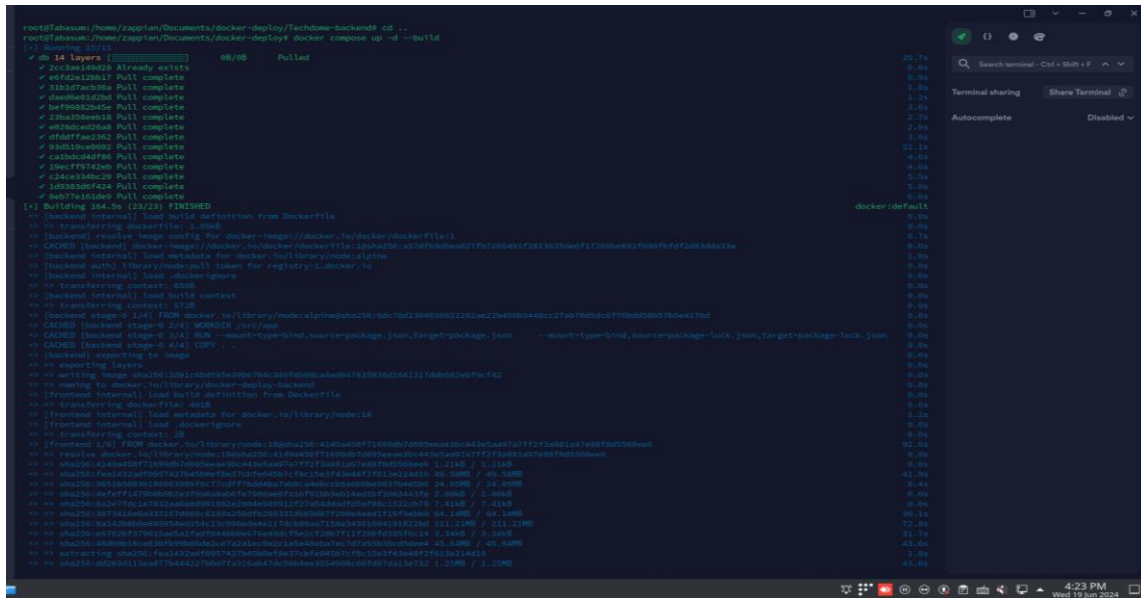


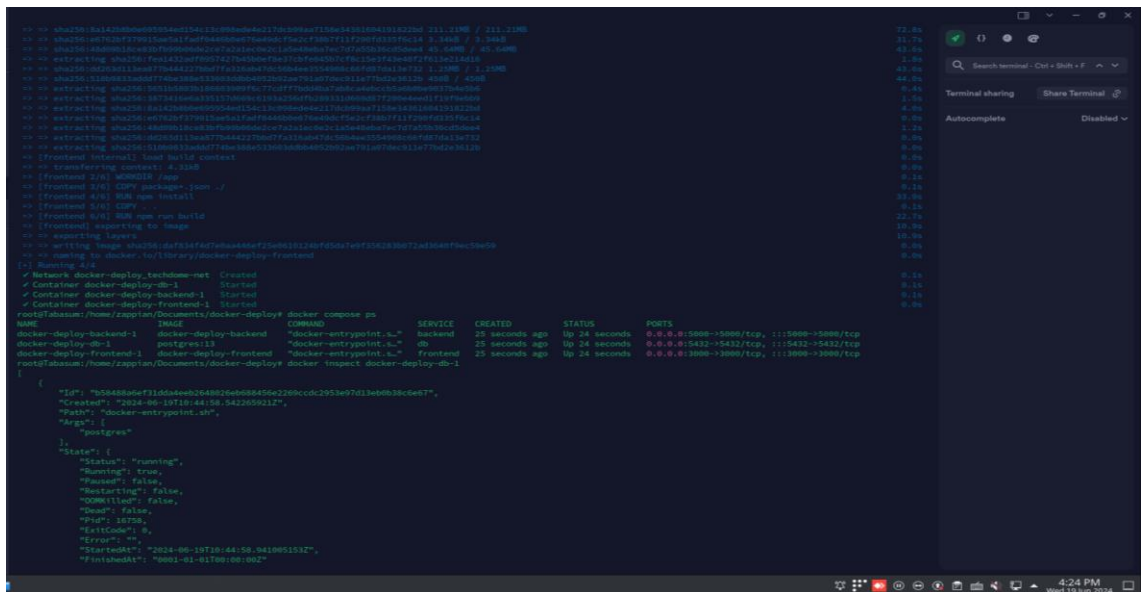
Demonstration

Showing the applications functionality and explanation of the deployment approach.

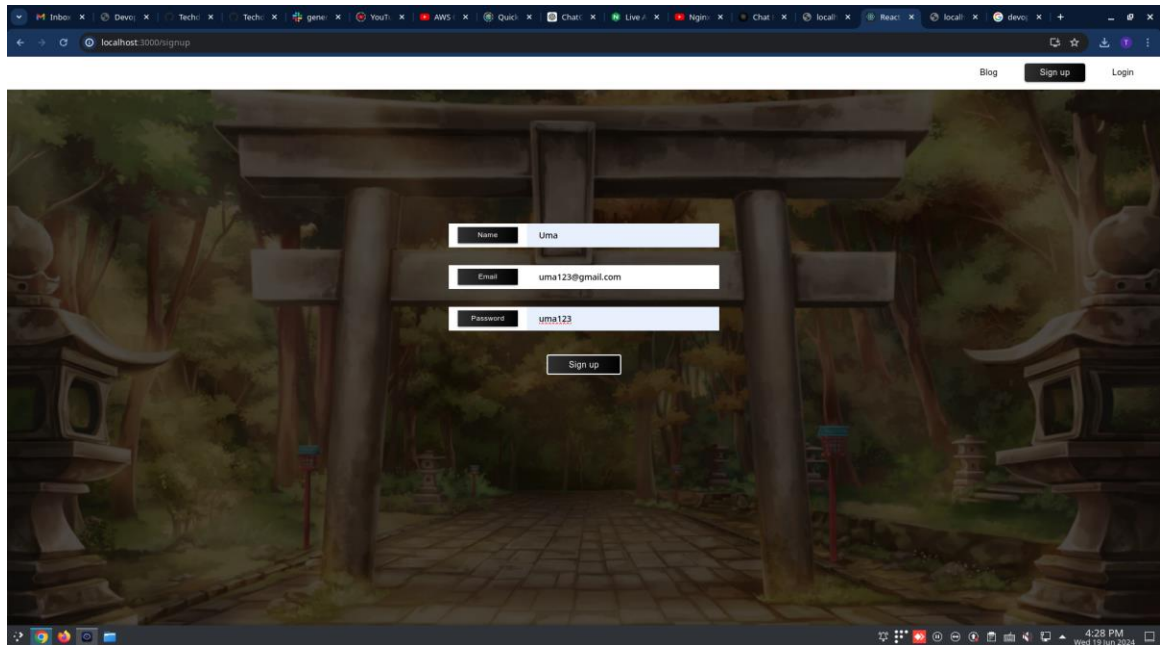
1. **docker-compose-dev.png:** According to practical this image should show the local development environment using Docker Compose.



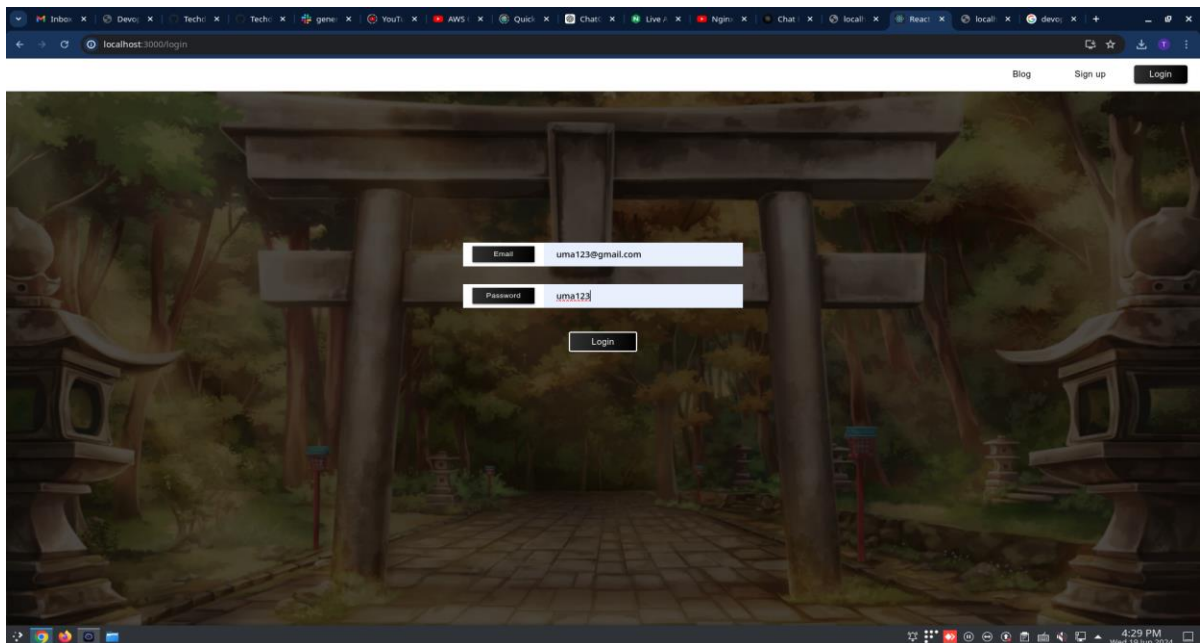
2. **docker-compose-dep-1.png:** This image should show the deployment of the application using Docker Compose in a production or staging environment.



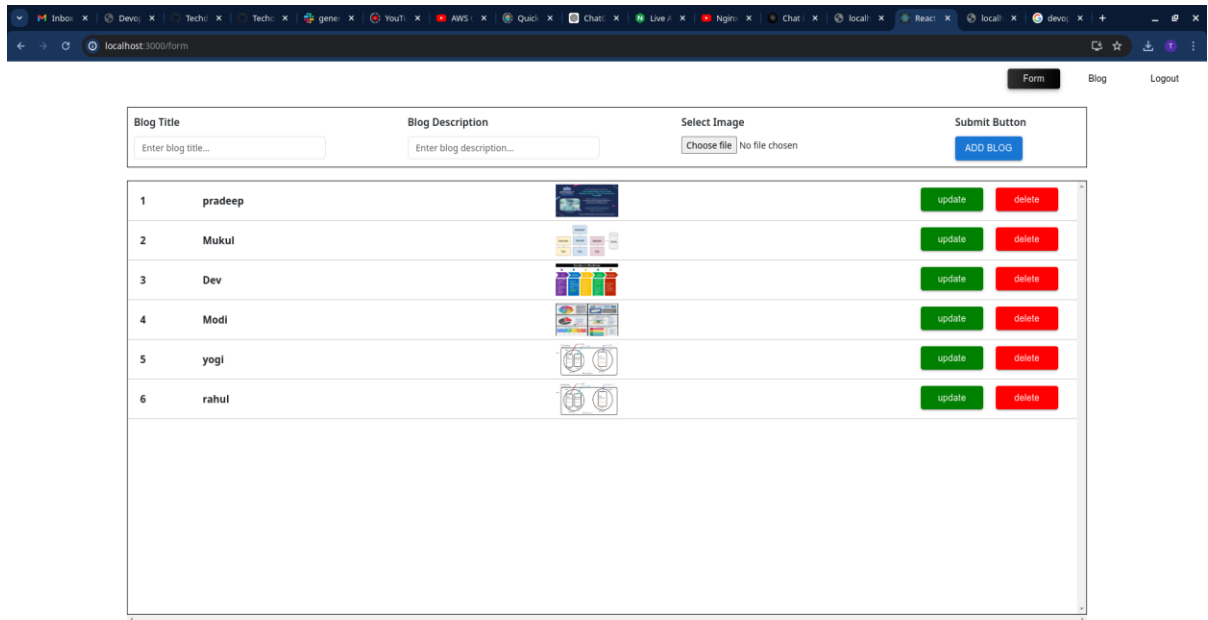
3. **uma-signup.png**: According to practical image should show the user signup page of application.



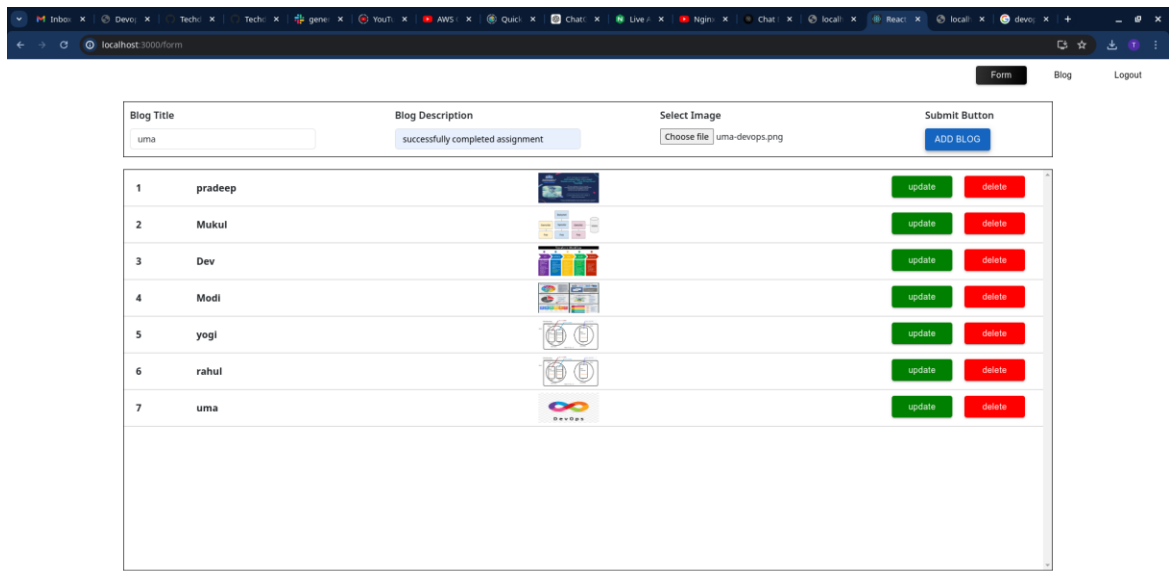
4. **uma-logged.png**: According to practical image should show the user logged into the application.



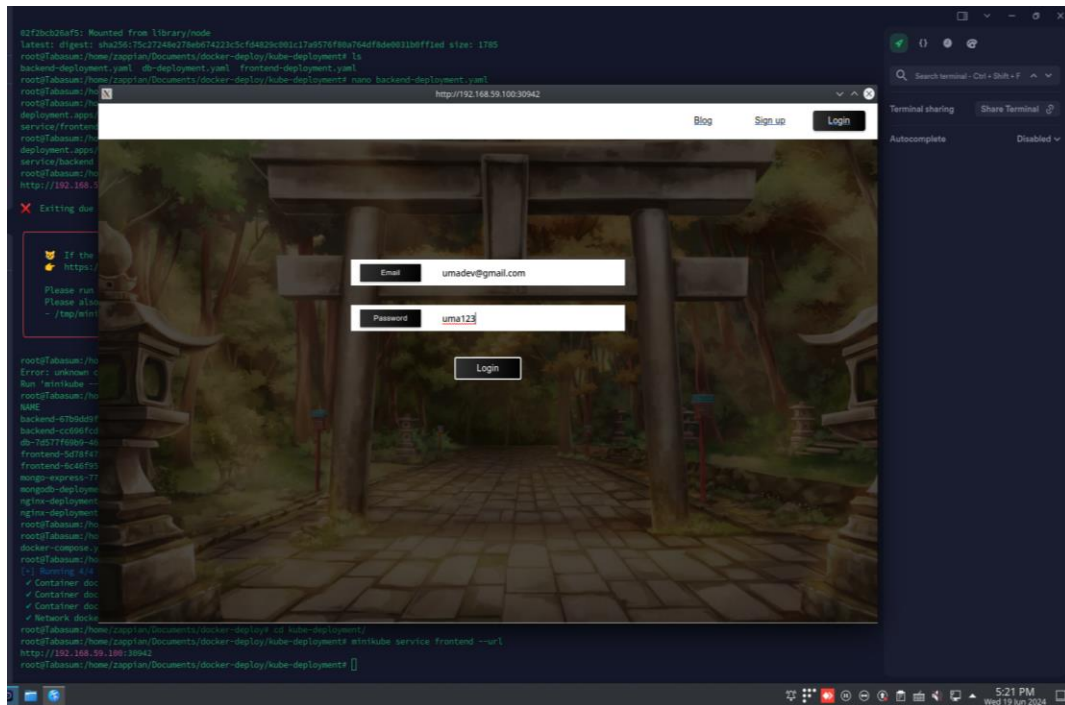
5. **before-adding-blog.png**: According to practical image should show the application interface before adding a new blog post.



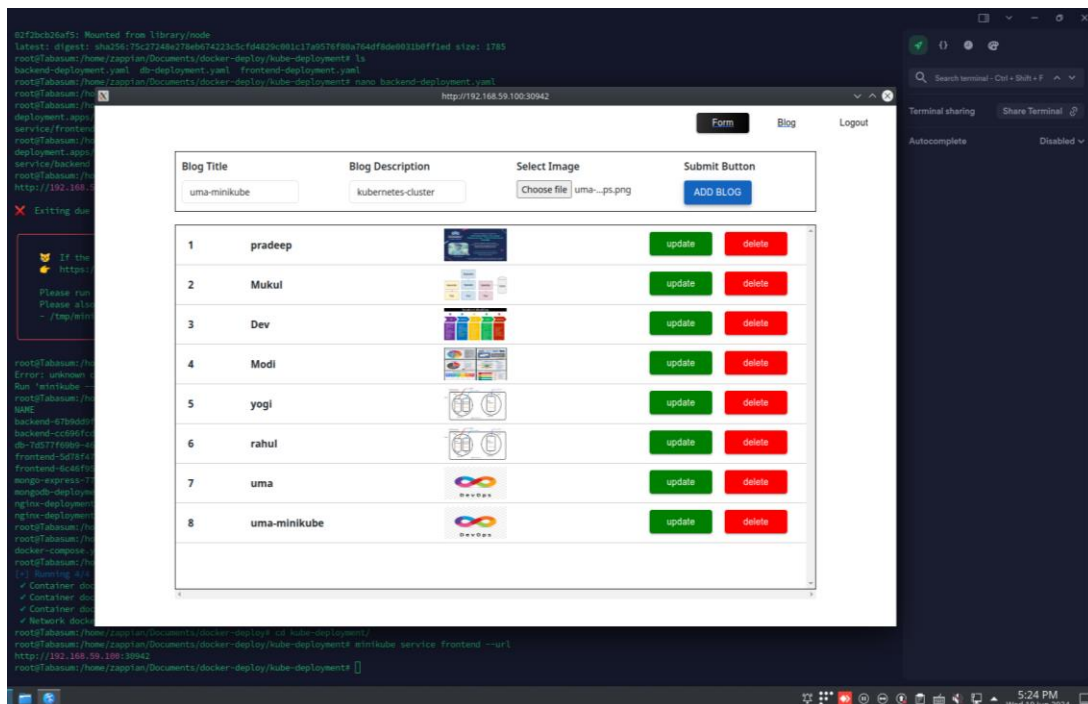
6. **after-adding-blog.png**: According to practical image should show the application interface after a new blog post has been added.



7. **before-adding-cluster-blog.png**: According to practical image should show the application interface in the Kubernetes cluster before adding a new blog post.



10. **after-adding-cluster-blog.png**: According to practical image should show the application interface in the Kubernetes cluster after adding a new blog post.



11. **minikube-services-url.png**: According to practical image should show the URL of the services running on Minikube, which can be placed at the end to demonstrate how to access the application.

```
17298c10535: Mounted from library/node
80f26cb2baf5: Mounted from library/node
latest: digest: sha256:f5c274a827b6b74223c5f0429c881c1b8576f8a7b4d7d6e813a0ff1ae size: 1785
root@tabasub:/home/zappian/Documents/docker-deploy/kube-deployment# ls
backend-deployment.yaml db-deployment.yaml frontend-deployment.yaml
root@tabasub:/home/zappian/Documents/docker-deploy/kube-deployment# nano backend-deployment.yaml
root@tabasub:/home/zappian/Documents/docker-deploy/kube-deployment# nano frontend-deployment.yaml
root@tabasub:/home/zappian/Documents/docker-deploy/kube-deployment# kubectl apply -f frontend-deployment.yaml
deployment.apps/frontend configured
service/frontend unchanged
root@tabasub:/home/zappian/Documents/docker-deploy/kube-deployment# kubectl apply -f backend-deployment.yaml
deployment.apps/backend configured
service/backend unchanged
root@tabasub:/home/zappian/Documents/docker-deploy/kube-deployment# kubectl service frontend --url
http://192.168.39.190:39942
```

✗ Exiting due to SVC_UNREACHABLE: service not available: no running pod for service frontend found

🐾 If the above advice does not help, please let us know:
🔗 <https://github.com/kubernetes/minikube/issues/new/choose>

Please run `minikube logs --file=logs.txt` and attach logs.txt to the GitHub issue.
Please also attach the following file to the GitHub issue:
- `topminikube_service_4515e2a6c5dada37fda79346c9209471e5930_0.log`

```
root@tabasub:/home/zappian/Documents/docker-deploy/kube-deployment# minikube get pods
Error: unknown command "get" for "minikube"
Run "minikube --help" for usage.
root@tabasub:/home/zappian/Documents/docker-deploy/kube-deployment# kubectl get pods
NAME                                READY   STATUS    RESTARTS   AGE
backend-6f6dd0ff6-kvkr              0/1     ImagePullBackOff    0           28s
backend-deployment-76p9d            0/1     ContainerCreating   0           28s
db-postgresql-wng2                  1/1     Running            0           28s
frontend-5d7sf476c4-zm6w            0/1     ImagePullBackOff    0           28s
frontend-5c46f95k4-mn8t2            0/1     ContainerCreating   0           28s
mongo-express-77d7c844cc-m94xz       1/1     Running            2 (10s ago)   14s
mongodb-deployment-9pp14wz           1/1     Running            1 (10s ago)   14s
nginx-deployment-70p5f6f4z-tr7fy     1/1     Running            1 (10s ago)   14s
nginx-deployment-70p5f6f4z-gr7fy     1/1     Running            1 (10s ago)   14s
root@tabasub:/home/zappian/Documents/docker-deploy/kube-deployment# cd ..
root@tabasub:/home/zappian/Documents/docker-deploy# ls
docker-compose.yml kube-deployment techdemo-backend techdemo-frontend
root@tabasub:/home/zappian/Documents/docker-deploy# docker-compose down
[+] Stopping 3/3
# Container docker-deploy-db-1: Resolved
# Container docker-deploy-frontend-1: Resolved
# Container docker-deploy-backend-1: Resolved
# techdemo-backend-deploy-techdemo-net: Resolved
root@tabasub:/home/zappian/Documents/docker-deploy# cd kube-deployment/
root@tabasub:/home/zappian/Documents/docker-deploy/kube-deployment# minikube service frontend --url
http://192.168.39.190:39942
```