COLLEGE NOTICE BOARD WEBSITE(SCRUM + DOCKER)
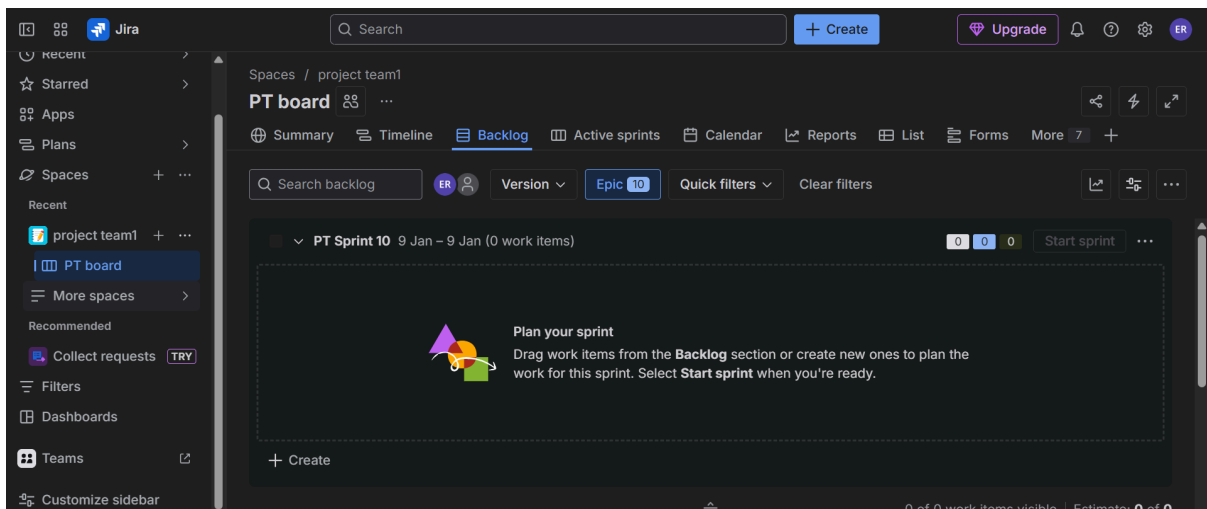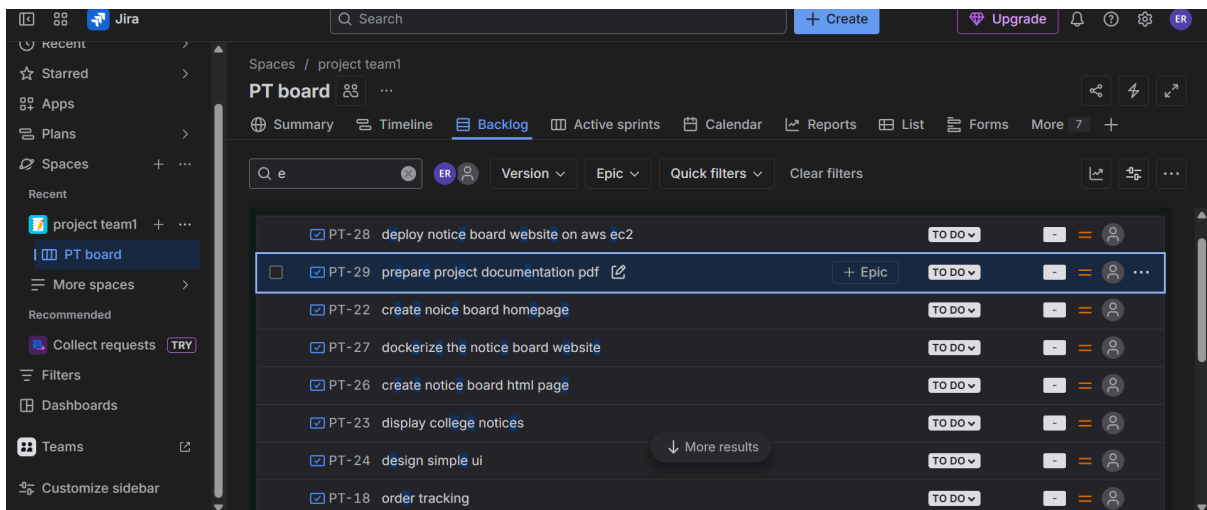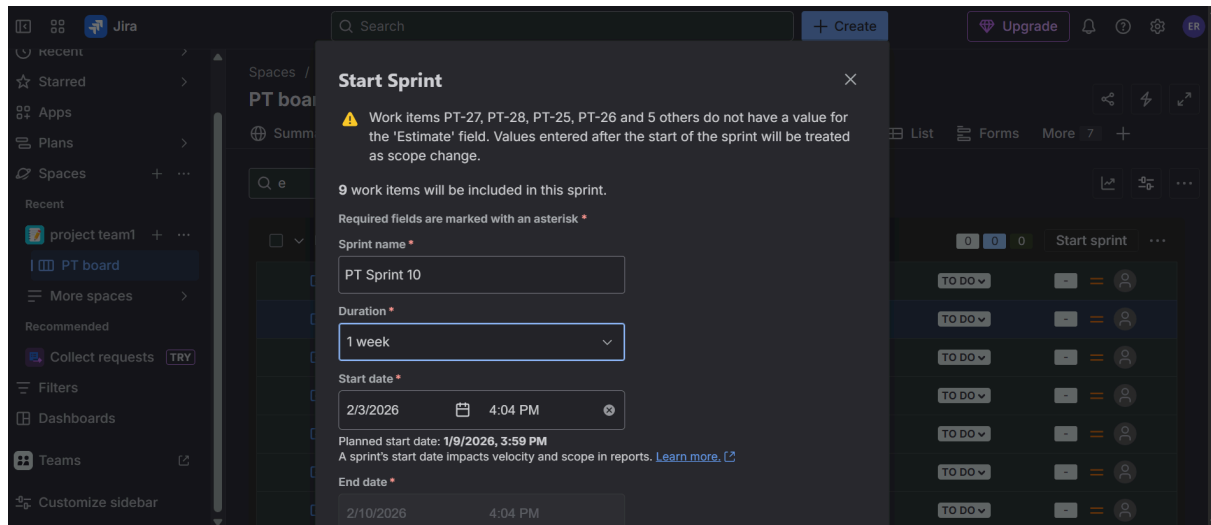
STEP1: by using jira we are joining to do scrum
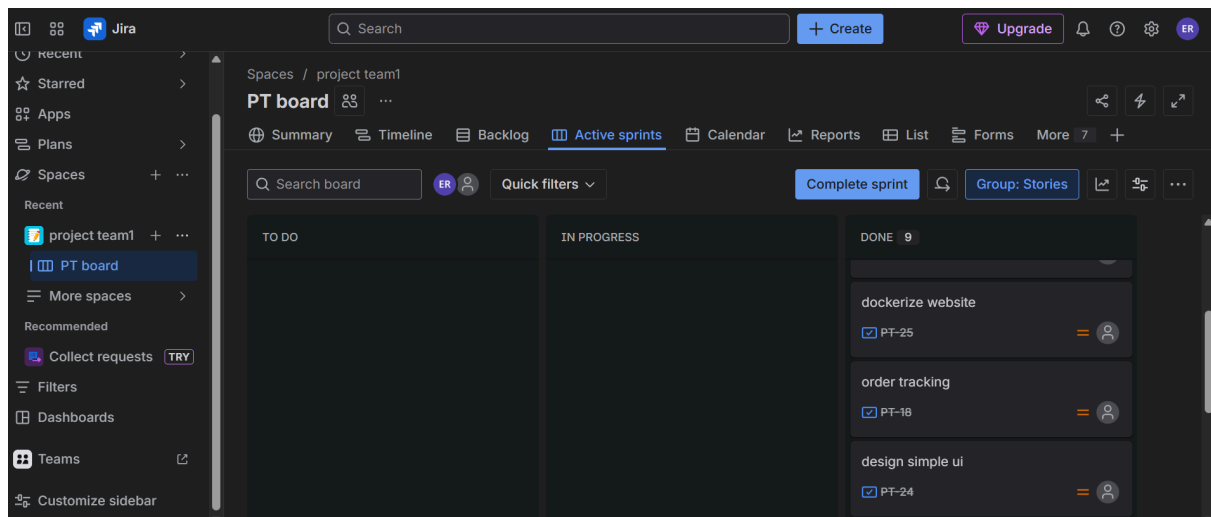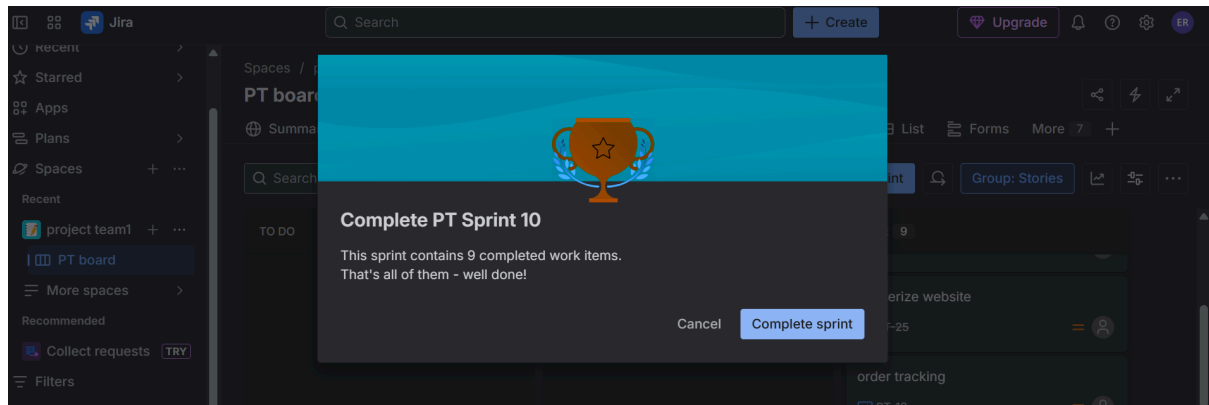

STEP2: NEXT ADD THE STORY

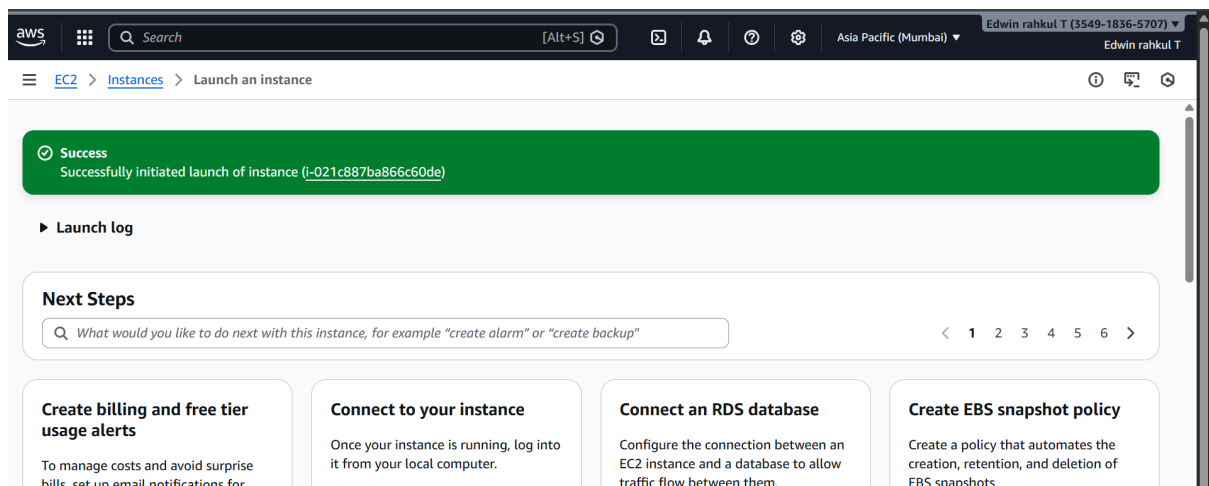**STEP3: NEXT START THE SPRINT OF THE STORY**

STEP4:AFTER SOME TIME END THE SPRINT OF ALL THE STORY
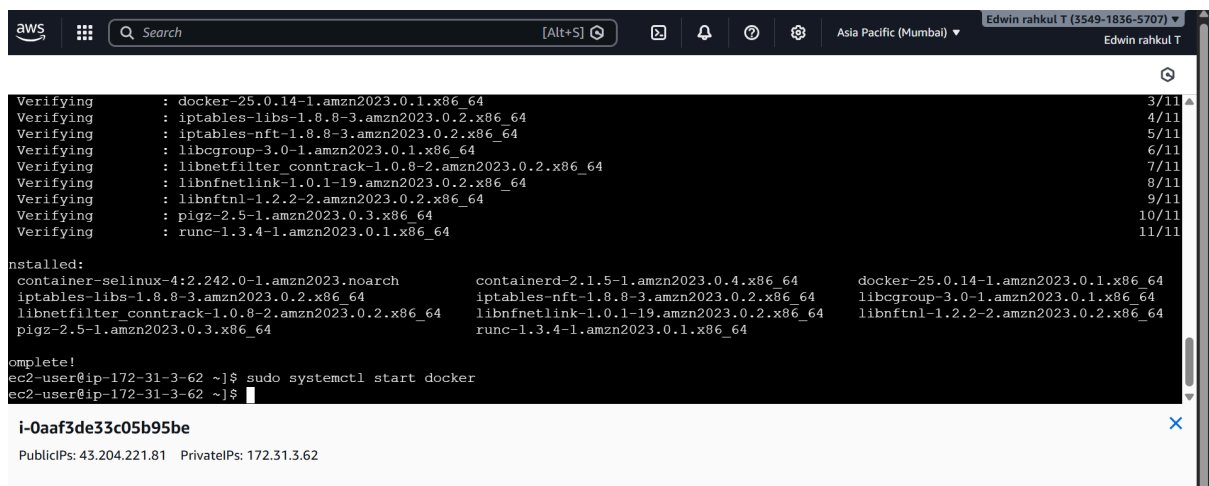
STEP5:COMPLETE THE ALL SPRINT

STEP6: TO RUN THE DOCKER I HAVE USE EC2 INSTANCE AND LAUNCH INSTANCE

STEP7: START THE DOCKER

STEP8:TO DEVELOP THE WEBSITE WRITE THE HTML CODE

```
ec2-user@ip-172-31-3-62 ~]$ mkdir notice-board
ec2-user@ip-172-31-3-62 ~]$ cd notice-board
ec2-user@ip-172-31-3-62 notice-board]$ nano index.html
ec2-user@ip-172-31-3-62 notice-board]$ cat index.html
!DOCTYPE html>
html>
head>
 <title>College Notice Board</title>
/head>
body>
 <h1>College Notice Board</h1>
 <ul>
   <li>Internal Exam starts from 10th Feb</li>
   <li>Project submission last date: 15th Feb</li>
   <li>Holiday on 26th Jan</li>
 </ul>
/body>
/html>
ec2-user@ip-172-31-3-62 notice-board]$
```

STEP9:ADD DOCKER FILE

```
head>
 <title>College Notice Board</title>
/head>
body>
 <h1>College Notice Board</h1>
 <ul>
   <li>Internal Exam starts from 10th Feb</li>
   <li>Project submission last date: 15th Feb</li>
   <li>Holiday on 26th Jan</li>
 </ul>
/body>
/html>
ec2-user@ip-172-31-3-62 notice-board]$ pwd
home/ec2-user/notice-board
ec2-user@ip-172-31-3-62 notice-board]$ nano Dockerfile
ec2-user@ip-172-31-3-62 notice-board]$ cat Dockerfile
ROM nginx:alpine
OPY index.html /usr/share/nginx/html/index.html
ec2-user@ip-172-31-3-62 notice-board]$
```

STEP10:THE CONTINER AND IMAGE IS CREATED

```
> => sha256:76fc765fd3b0af90def0c6f9d14b2fb36c59d2ab6efc3f330cba39d3fb62f500 1.21kB / 1.21kB       1.8s
> => extracting sha256:9331cd6029cbf318c5576c03d779488ecadd7dd7425d199cbfd0906a6235ffce             0.0s
> => sha256:cd835559902ab574fc1dbdd1e32130771477ac163c5502057ab6dc78e1f7b8fe 1.40kB / 1.40kB        1.9s
> => extracting sha256:211bae00ea5606b36896883a2b8f10e9622638d7d5b3a33da6af615d868e4402             0.0s
> => sha256:55cbbd6285fe0ee5fcdef2dc641bfad7889b35d4542cb111968eb7f613bb6eaf 20.18MB / 20.18MB      2.6s
> => extracting sha256:9739627526d74285cefbf02d43bcbc00fc946527670d43db2fa258e6082c876b             0.0s
> => extracting sha256:6c2f4c63521d43b201a4c0c5d24e71aeb94ed3e67217bb0b91e8fb040382ed06             0.0s
> => extracting sha256:76fc765fd3b0af90def0c6f9d14b2fb36c59d2ab6efc3f330cba39d3fb62f500             0.0s
> => extracting sha256:cd835559902ab574fc1dbdd1e32130771477ac163c5502057ab6dc78e1f7b8fe             0.0s
> => extracting sha256:55cbbd6285fe0ee5fcdef2dc641bfad7889b35d4542cb111968eb7f613bb6ea              0.5s
> [2/2] COPY index.html /usr/share/nginx/html/index.html                                           0.1s
> exporting to image                                                                               0.0s
> => exporting layers                                                                              0.0s
> => writing image sha256:e882955c91cb26bbb0c9fe6ccce2fe1f1f8e7f158b4f5d287c0ed3c889a0c0b7          0.0s
> => naming to docker.io/library/notice-board                                                      0.0s
c2-user@ip-172-31-3-62 notice-board]$ sudo docker images
POSITORY     TAG      IMAGE ID      CREATED        SIZE
tice-board   latest   e882955c91cb  52 seconds ago 61.9MB
c2-user@ip-172-31-3-62 notice-board]$
```

STEP11:END OF THIS COPY THE PUBLIC IP AND PAST IT URL IN BROWSER

```
=> => extracting sha256:cd835559902ab574fc1dbdd1e32130771477ac163c5502057ab6dc78e1f7b8fe           0.0s
=> => extracting sha256:55cbbd6285fe0ee5fcdef2dc641bfad7889b35d4542cb111968eb7f613bb6eaf           0.8s
=> [2/2] COPY index.html /usr/share/nginx/html/index.html                                         0.1s
=> exporting to image                                                                             0.0s
=> => exporting layers                                                                            0.0s
=> => writing image sha256:e2fb73796644112c99e106e2e951ecc52311b0a16b9902c5788061453c8d2c52        0.0s
=> => naming to docker.io/library/notice-board                                                    0.0s
ec2-user@ip-172-31-46-140 notice-board]$ sudo docker images
REPOSITORY                                            TAG     IMAGE ID      CREATED        SIZE
notice-board                                          latest  e2fb73796644  23 seconds ago 61.9MB
54918365707.dkr.ecr.ap-south-1.amazonaws.com/24105019 latest  917fa823780d  5 months ago   48.2MB
4105019                                               latest  917fa823780d  5 months ago   48.2MB
dwin                                                  latest  4960d19684b3  5 months ago   48.2MB
ec2-user@ip-172-31-46-140 notice-board]$ sudo docker run -d -p 80:80 notice-board
ef454408e06d85ad06211ef8f895fbc8bc20a5eceb96c8552eee9901b68eb41
ec2-user@ip-172-31-46-140 notice-board]$ sudo docker ps
CONTAINER ID  IMAGE         COMMAND                CREATED        STATUS        PORTS                             NAMES
ef454408e06   notice-board  "/docker-entrypoint...." 16 seconds ago Up 15 seconds 0.0.0.0:80->80/tcp, :::80->80/tcp funny_brattain
ec2-user@ip-172-31-46-140 notice-board]$
```

i-0bb3ef68fb900af5a (docker)

PublicIPs: 13.200.252.3   PrivateIPs: 172.31.46.140