

COLLEGE NOTICE BOARD WEBSITE(SCRUM + DOCKER)

STEP1: by using jira we are joining to do scrum

The screenshot shows the Jira Project Tools (PT) board interface. The sidebar on the left lists recent projects, apps, plans, spaces, teams, and customization options. The main area is titled 'PT board' and shows the 'Backlog' tab selected. A sub-section for 'PT Sprint 10' (9 Jan – 9 Jan) is visible, with a message prompting to 'Plan your sprint' and instructions to drag work items from the backlog or create new ones. The backlog table has columns for 'Title', 'Status', 'Assignee', and 'Due Date'. There are currently 0 work items visible.

STEP2: NEXT ADD THE STORY

The screenshot shows the Jira PT board interface with the backlog tab selected. A search bar at the top contains the letter 'e'. The backlog table lists several stories, each with a checkbox status and a due date of '2024-01-09'. The stories include:

- PT-28 deploy notice board website on aws ec2
- PT-29 prepare project documentation pdf
- PT-22 create notice board homepage
- PT-27 dockerize the notice board website
- PT-26 create notice board html page
- PT-23 display college notices
- PT-24 design simple ui
- PT-18 order tracking

STEP3: NEXT START THE SPRINT OF THE STORY

The screenshot shows the Jira interface with the sidebar open, displaying recent projects like 'project team1' and 'PT board'. A modal window titled 'Start Sprint' is open in the center. It contains the following fields:

- Sprint name ***: PT Sprint 10
- Duration ***: 1 week
- Start date ***: 2/3/2026 at 4:04 PM
- End date ***: 2/10/2026 at 4:04 PM

A warning message at the top states: "⚠ Work items PT-27, PT-28, PT-25, PT-26 and 5 others do not have a value for the 'Estimate' field. Values entered after the start of the sprint will be treated as scope change." Below the modal, the main Jira board view shows a 'TO DO' column with several items, each with a progress bar indicating completion status.

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

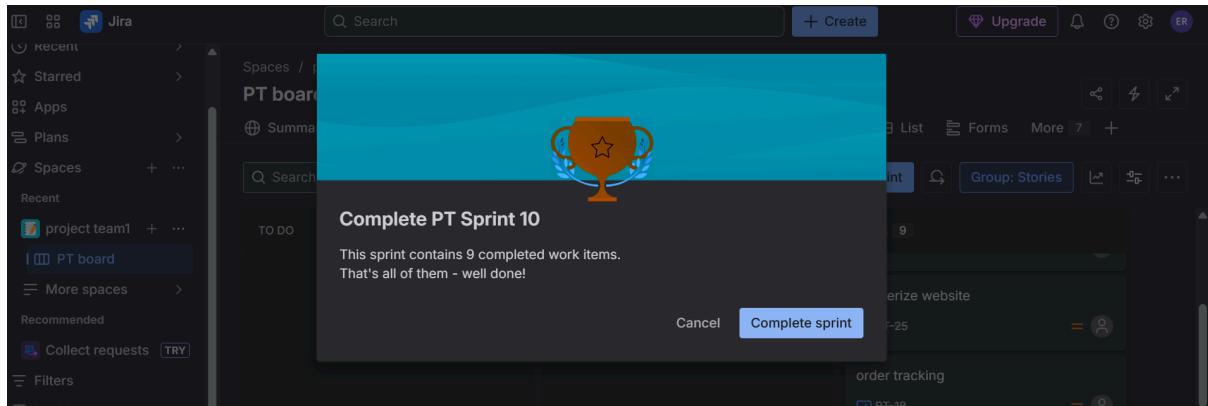
The screenshot shows the Jira interface with the sidebar open, displaying recent projects like 'project team1' and 'PT board'. The 'Active sprints' tab is selected in the navigation bar. A summary of the completed sprint is displayed:

- Complete sprint**
- Group: Stories**
- TO DO**: 0 items
- IN PROGRESS**: 0 items
- DONE**: 9 items

The 'DONE' section lists three completed stories with their respective story IDs and assignees:

- dockerize website (PT-25)
- order tracking (PT-18)
- design simple ui (PT-24)

STEP5:COMPLETE THE ALL SPRINT



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

A screenshot of the AWS Management Console. The top navigation bar shows 'aws', a search bar, and user information 'Edwin rahkul T (3549-1836-5707)'. The main page title is 'EC2 > Instances > Launch an instance'. A green success message box says 'Success' and 'Successfully initiated launch of instance (i-021c887ba866c60de)'. Below this, there's a 'Launch log' section with a link. Under 'Next Steps', there are four cards: 'Create billing and free tier usage alerts', 'Connect to your instance' (which is selected), 'Connect an RDS database', and 'Create EBS snapshot policy'. A navigation bar at the bottom shows pages 1 through 6.

STEP7: START THE DOCKER

A screenshot of a terminal window. The terminal prompt is 'ec2-user@ip-172-31-3-62 ~]\$'. The user runs the command 'sudo systemctl start docker'. The output shows the installation of several Docker-related packages and the successful start of the 'docker' service. It also lists the public and private IP addresses: 'PublicIPs: 43.204.221.81 PrivateIPs: 172.31.3.62'. The terminal has a scroll bar on the right.

STEP8:TO DEVELOP THE WEBSITE WRITE THE HTML CODE

```

aws  Search [Alt+S] Asia Pacific (Mumbai) Edwin rahkul T (3549-1836-5707)
aws  Search [Alt+S] Asia Pacific (Mumbai) Edwin rahkul T

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>
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

```

aws  Search [Alt+S] Asia Pacific (Mumbai) Edwin rahkul T

head>
<title>College Notice Board</title>
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
FROM nginx:alpine
COPY index.html /usr/share/nginx/html/index.html
ec2-user@ip-172-31-3-62 notice-board]$ 

```

STEP10:THE CONTAINER AND IMAGE IS CREATED

```

-> sha256:76fc765fd3b0af90def0c6f9d14b2fb36c59d2ab6efc3f330cba39d3fb62f500 1.21kB / 1.21kB
-> extracting sha256:9331cd6029cbf318c5576c03d779488e5ccadd7dd7425d199cbfd0906a6235ffce 0.0s
-> sha256:cd835559902ab574fc1dbddle32130771477ac163c5502057ab6dc78elf7b8fe 1.9s
-> extracting sha256:211bae0ea5606b36896883a2b8f10e9622639d7d5b3a33da6af615d868e4402 0.0s
-> sha256:55cb6d285fe0ee5fcdef2dc641bfad7889b35d4542cb111968eb7f613bb6eaf 20.18MB / 20.18MB 2.6s
-> extracting sha256:9739627526d74285cefef02d43bc00fc946527670d43db2fa258e6082c876b 0.0s
-> extracting sha256:cc2f4c63521d43b20144c0c5d24e71aeb94ed3e67217bb0b91e9fb040382ed06 0.0s
-> extracting sha256:76fc765fd3b0af90def0ccf9d14b2fb3c6c59d2ab6efc3f330cba39d3fb62f500 0.0s
-> extracting sha256:d935559902ab574fc1dbddle32130771477ac163c5502057ab6dc78elf7b8fe 0.0s
-> extracting sha256:55cb6d285fe0ee5fcdef2dc641bfad7889b35d4542cb111968eb7f613bb6eaf 0.55s
-> [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:e882955c91cb26bbb0c9fe6ccce2fe1flf8e7f158b4f5d287c0ed3c889a0c0b7 0.0s
-> naming to docker.io/library/notice-board 0.0s
c2-user@ip-172-31-3-62 notice-board]$ sudo docker images
REPOSITORY TAG IMAGE ID CREATED SIZE
notice-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:cd835559902ab574fc1dbddle32130771477ac163c5502057ab6dc78elf7b8fe 0.0s
->=> extracting sha256:55cb6d285fe0ee5fcdef2dc641bfad7889b35d4542cb111968eb7f613bb6eaf 0.0s
-> [2/2] COPY index.html /usr/share/nginx/html/index.html 0.1s
->=> exporting to image 0.0s
->=> writing image sha256:e2fb7379644112c99e106e2e951ecc52311b0a16b9902c5788061453c8d2c52 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 e2fb7379644 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
edwin 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
ef454408e06d85ad06211ef8f895fbc9bc20a5ceb96c8552eee9901b68eb41
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

```