

Snapshot Week 9 of Group CONT8

How do we build an ideal CI/CD pipeline deployment solution for software at scale - CONTINUOUS

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Product Backlog and Task Board:

2

Product backlog

!

As a user of this website, I want to be informed about new books soon to be released

...

#10 opened by a1839458

!

As a user of this website, I want to search for books so that I can find the books I am looking for

...

0 of 1

#9 opened by a1791407

Sprint Backlog and User Stories:

1

Sprint backlog

!

As a developer, I want to develop three pipelines for each tier of the software, so that I could streamline my work.

...

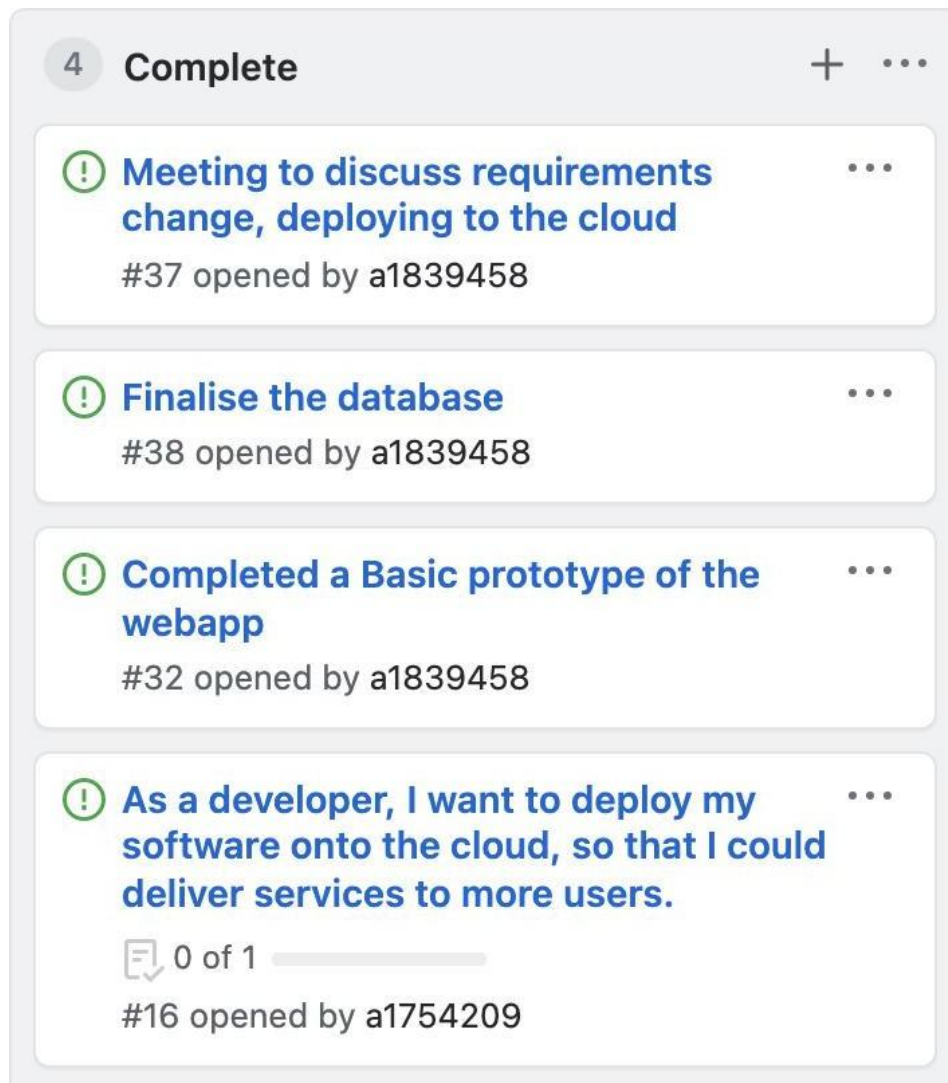
#39 opened by a1806522

Provide a screenshot of the sprint backlog

The screenshot displays a Jira sprint backlog with three columns. Each column has a header with a number, a title, and icons for adding (+) and more options (...).

- Column 1: Sprint backlog**
 - Item 1: **As a developer, I want to develop three pipelines for each tier of the software, so that I could streamline my work.** (opened by a1806522, #39)
- Column 2: To do**
 - Item 1: **Searching information connect the links between Jenkins and Slack** (opened by a1839458, #20)
 - Item 2: **start building the pipeline** (opened by a1839458, #22)
 - Item 3: **finish searching the CI/CD** (opened by a1839458, #23)
 - Item 4: **Finish the website for the project** (opened by a1839458, #21)
 - Item 5: **connect the front end and the backend** (opened by a1839458, #24)
- Column 3: Sprint4**
 - Item 1: **Start building the pipeline** (opened by a1806522, #48)
 - Item 2: **Front-end and back-end testing** (opened by a1806522, #47)
 - Item 3: **Complete the front-end and back-end interaction** (opened by a1806522, #46)

Definition of Done



Definition of Done:

The webapp has been deployed to the cloud hosting platform and deployed according to subsequent development

Summary of Changes:

It is currently in the first week of sprint 4. In the last week, our team's main task is to deploy the front-end part of the webapp to the Amazon AWS EC2 server. Because there were some front-end and back-end connection problems in the ninth week, we had to selectively upload the front-end part to the AWS server first, and then on Wednesday afternoon in the ninth week, after a team meeting, the front-end and back-end teams conducted Discuss the proofreading and modification of the front-end and back-end API, and the connection has been successfully restored.

In the future, our GitHub repository will be linked to the Jenkins pipeline, which will allow us to test and build our code directly by deploying to AWS, and create a docker

image for deployment when the code passes all tests.

At the same time, because we lack part of the front-end and back-end functions, the main goal of the front-end and back-end group is to complete the improvement of the functional architecture, improve the currently missing functions, and add related bookstore functions such as registration and listing.