

# Snapshot Week 7 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:

5

Sprint backlog

ⓘ

As a Developer, I want to improve user experience by implementing strategies for web optimization

...

#25 opened by a1839458

ⓘ

As a developer, I want to build a function to interact the front-end and back-end, so that I can deploy database and retrieve the data from the database

...


#14 opened by a1791407

ⓘ

2. Back-end:

...

#8 opened by a1839458




ⓘ

3. CI/CD:

...

#7 opened by a1839458



ⓘ

As a Developer, I want to add the searching function for the website to allow users to browse through the selection of books

...

#13 opened by a1791407

## Provide a screenshot of the sprint backlog

5 Sprint backlog + ...

! As a Developer, I want to improve user experience by implementing strategies for web optimization ...  
#25 opened by a1839458

! As a developer, I want to build a function to interact the front-end and back-end, so that I can deploy database and retrieve the data from the database ...  
#14 opened by a1791407

! 2. Back-end: ...  
#8 opened by a1839458

! 3. CI/CD: ...  
#7 opened by a1839458

! As a Developer, I want to add the searching function for the website to allow users to browse through the selection of books ...  
#13 opened by a1791407

5 To do + ...

! Searching information connect the links between Jenkins and Slack ...  
#20 opened by a1839458

! Finish the website for the project ...  
#21 opened by a1839458

! start building the pipeline ...  
#22 opened by a1839458

! finish searching the CI/CD ...  
#23 opened by a1839458

! connect the front end and the backend ...  
#24 opened by a1839458

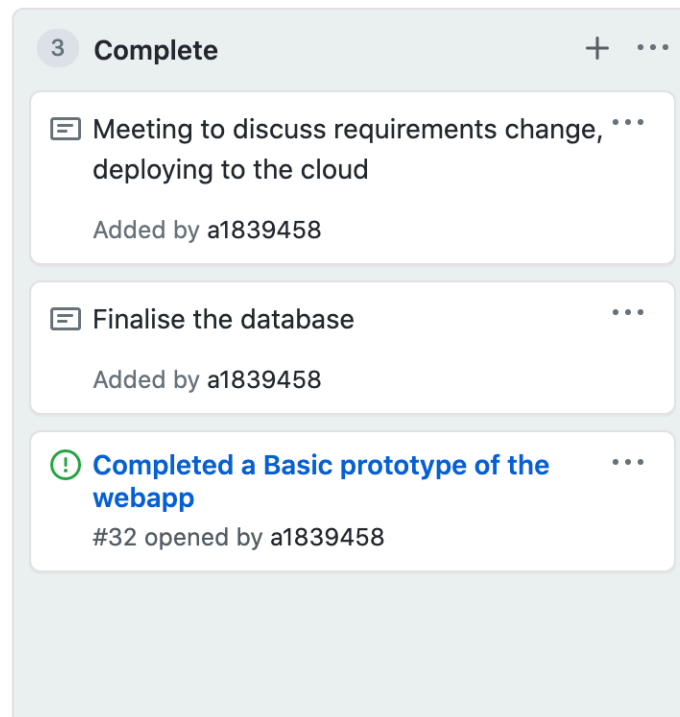
3 sprint3 + ...

! build a pipline for deployment onto amazon AWS ECS cloud ...  
#33 opened by a1839458

! As a developer, I want to deploy my software onto the cloud, so that I could deliver services to more users. ...  
0 of 1  
#16 opened by a1754209

! As a developer, I want to build a prototype software, so that I can deploy CI/CD pipeline. ...  
0 of 2  
#2 opened by a1754209

## Definition of Done



### User Story description:

Under the sprint 3 task board, our team has added a new User story that reflects the requirements change the client has informed us about. This is namely the requirement for the app to be deployed onto a cloud hosted server.

### Summary of Changes:

During the first week of sprint 3, the team had a meeting with the product manager which highlighted a potential requirements change/clarification. The client requested that the webapp be deployed to the cloud and as a result our team brainstormed different solutions and cloud hosting solutions to use. A decision was made to use AMAZON AWS as our cloud hosting service provider. Additional discussion about how we were to build a deploy directly onto the cloud using the pipeline currently being built.

The current sprints focus is to create a pipeline that will allow us to build and deploy our webapp onto an amazon ECS server. We have also had extensive discussion on how we might want to test our application. If time permits, we will most likely include an automated test to the pipeline. By the end of the 3<sup>rd</sup> sprint, our goal is to have a fully functional pipeline that will allow us to build and deploy changes made to the code automatically, as well as test for any potential bugs.



