

Snapshot Week 6 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

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...

!

Include a customer enquiry page

...

#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:

6

Sprint backlog

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...

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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

!

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

!

1. Front-end:

...

#5 opened by a1777315





!

2. Back-end:

...

#8 opened by a1839458





!

3. CI/CD:

...

#7 opened by a1839458



!

add the searching function for the website

...

#13 opened by a1791407

Provide a screenshot of the sprint backlog

The screenshot displays a Jira sprint backlog with three visible columns: 'Sprint backlog', 'To do', and 'Done'. Each column contains a list of tasks with their titles, IDs, and the user who opened them.

Sprint backlog (6 items):

- 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
- 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
- 1. Front-end: #5 opened by a1777315
- 2. Back-end: #8 opened by a1839458
- 3. CI/CD: #7 opened by a1839458
- add the searching function for the website #13 opened by a1791407

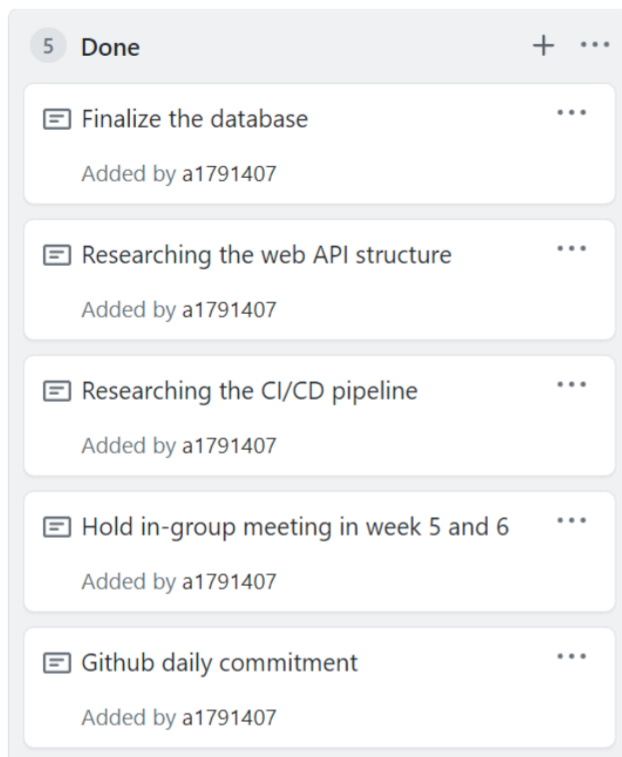
To do (6 items):

- Finish the website for the project. Added by a1777315
- start building the pipeline. Added by a1777315
- finish searching the CI/CD. Added by a1777315
- connect the front end and the backend. Added by a1777315
- Implement the prototype v1.2: setting the Jenkins, using the CI/CD pipeline to update the content on the website. e.g. Switch the "hello world" to names of group members. Added by a1778829
- Implement the prototype v1.1: initialize the framework for the frontend and backend. The criteria of goals are that we can open the corresponded server, and the website can show "hello world"

Done (5 items):

- Finalize the database. Added by a1791407
- Researching the web API structure. Added by a1791407
- Researching the CI/CD pipeline. Added by a1791407
- Hold in-group meeting in week 5 and 6. Added by a1791407
- Github daily commitment. Added by a1791407

Definition of Done



There is a list of tasks that have completed already

- Finalize the database
- Research the web API structure
- Research the CI/CD pipeline
- Hold in-group meeting in week 5 & week 6
- GitHub daily commitment

Summary of Changes:

During the group meeting in week 6, our team have reviewed each's team (front-end/back-end/CI&CD) current progress and discuss about the implementation of the pipelining. In this week, the back-end team has already developed a controller that is used to receive the user requests and deliver the HTTP response back to them. In this week, our team have changed and finalized the database table because of missing important properties and invalid data type for properties.

In aspect of the GitHub Page, we create two section which are Done, Sprint 2. Once the members finish their assigned work, they should move their work into the DONE section. When the next sprint start, our team will move all the work from DONE section to Sprint 2 column.

In the next snapshot, our team aims to accomplish the code for interacting backend and frontend and develop an approach to connect the website with the CI/CD. For example, our team would upload the web files into the GitHub and make use of the Jenkins to test the files automatically and process further tasks.