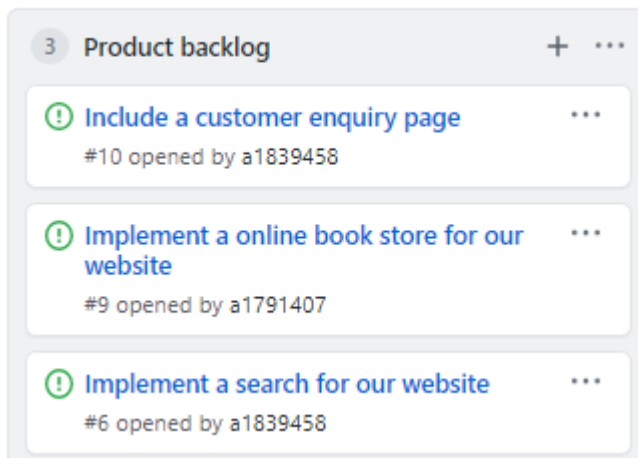# Snapshot Week 4 of Group CONT8
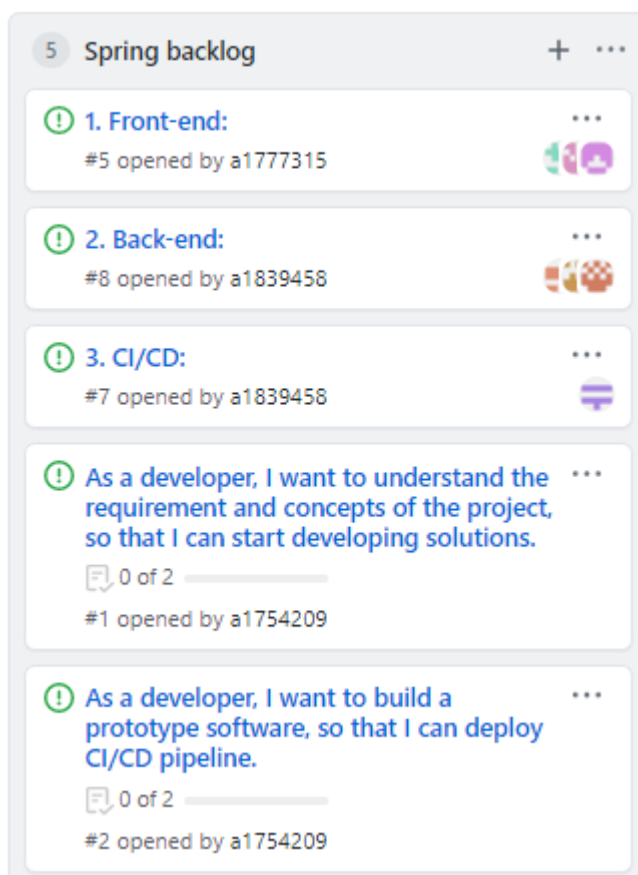
How do we build an ideal CI/CD pipeline deployment solution for software at scale - CONTINUOUS

a1774020 Chao-Chung Chuang
a1777315 Jinchen Song
a1778478 Runtao Zhuge
a1782077 Yunfan Han
a1788058 Yifei Xu
a1791407 Kwok Chung Kwan
a1778829 Zishun Chen
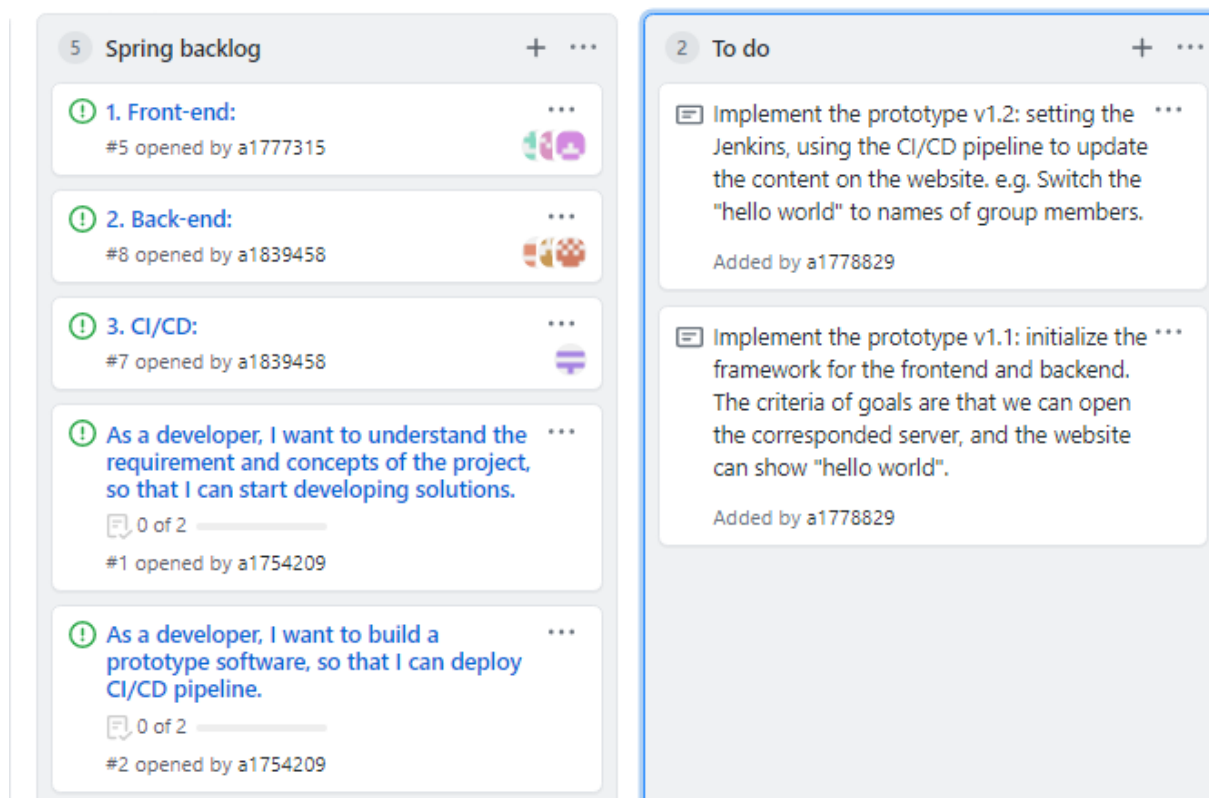a1806522 Zhuofan Zhang
a1839458 Benedict Xu

Product Backlog and Task Board:

3 Product backlog   **+** ···

⊘ **Include a customer enquiry page**   ···
   #10 opened by a1839458

⊘ **Implement a online book store for our**   ···
   website
   #9 opened by a1791407

⊘ **Implement a search for our website**   ···
   #6 opened by a1839458

Sprint Backlog and User Stories:

5 Spring backlog   **+** ···

⊘ **1. Front-end:**   ···
   #5 opened by a1777315

⊘ **2. Back-end:**   ···
   #8 opened by a1839458

⊘ **3. CI/CD:**   ···
   #7 opened by a1839458

⊘ **As a developer, I want to understand the**   ···
   requirement and concepts of the project,
   so that I can start developing solutions.
   ☑ 0 of 2 ————————
   #1 opened by a1754209

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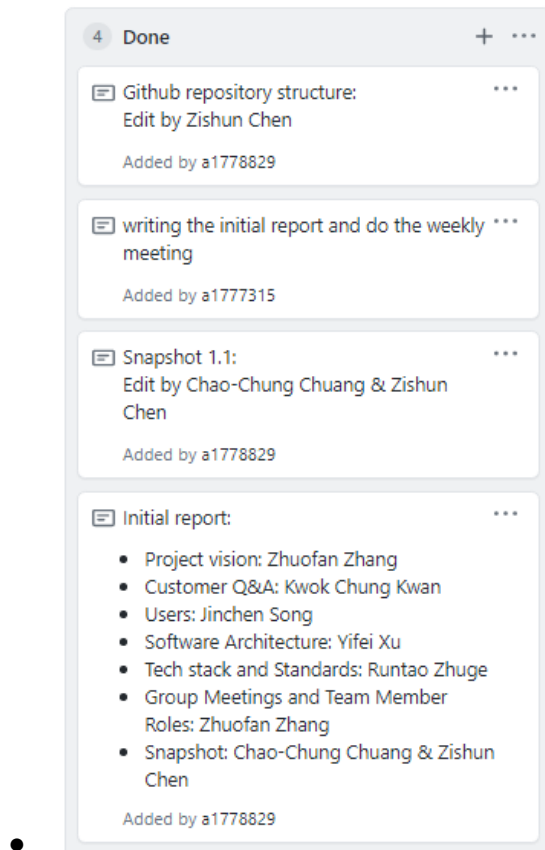   #2 opened by a1754209

Provide a screenshot of the sprint backlog

Definition of Done

- Researching the CI/CD pipeline
- Start working on the frontend
- Start working on the backend
- Hold in-group meeting once in week 4
- Complete the Snapshot 1.2
- Github daily commitment

Summary of Changes:

During the group meetings in Springt 1, we decided to use Vue as the frontend framework and Spring Boot as the backend framework. Our thought of the prototype is to implement an application with frontend, backend and database. The first version of prototype is to initialize both the frameworks and a website that can be loaded from the server, the content on the website is just simple "hello world". Our next prototype v1.2 is to set the CI/CD pipeline on to test the automatic updating and testing of code.

We decided to divide team members into three groups: front-end, back-end and CI/CD. The groups can search relevant information, and discuss the technique, framework and libraries for the project.

- **Front-end members:** Kwok Chung Kwan, Jinchen Song and Runtao Zhug.
- **Back-end members:** Zishun Chen, Zhuofan Zhang and Yunfan Han.
- **CI/CD members:** Chao-Chung Chuang, Yifei Xu and Benedict Xu.

For the Scrum master, the group had published a list for each spring. (Listed on the initial report)

- **Spring 1:** Zishun Chen/Chao-Chung Chuang
- **Spring 2:** Kwok Chung Kwan/Jinchen Song
- **Spring 3:** Benedict Xu

- **Spring 4:** Zhuofan Zhang/Yunfan Han
- **Spring 5:** Yifei Xu/Runtao Zhuge