

Sprints Breakdown

Group 7

Sprint 1

Sprint planning

Date: 15:00, 06.04.2020

Present: Everyone

Duration: 15 minutes

Recap: Planning to work on the database, RMI server and client side, populating database with data.

The screenshot shows a Jira sprint planning interface for 'Sprint 1'. The top navigation bar includes 'SEP2', 'Sprints and backlogs', 'Sprint 1', and '1 of 2'. Below this, there's a status bar with 'IN PROGRESS', a checkmark icon, a group icon, and a flag icon. A 'Share' button is also present. The main content area displays a user story: 'As a visitor, I want to register myself as a customer, so that I can use the library system.' Below the story is a text input field for a description or commands. The progress bar shows 'Progress: 25% | App: - | Device: -'. At the bottom, there's a 'To Do' section with an 'Add' button and a list of 4 subtasks: 'RMI Server' (12h), 'GUI' (2h), 'Database connection' (6h), and 'Client' (24h). A 'New Subtask' input field is at the bottom.

SEP2 > Sprints and backlogs > Sprint 1 1 of 2

IN PROGRESS

Share

As a visitor, I want to register myself as a customer, so that I can use the library system.

Description or type '/' for commands

Progress: 25% | App: - | Device: -

To Do Add

All Mine

4 SUBTASKS ↑ Manual

- RMI Server 12h
- GUI 2h
- Database connection 6h
- Client 24h

New Subtask

Figure 1 Work breakdown



Figure 2 Sprint backlog

(For the limitations of the programme, we set the Data Access Objects task for 1000 hours since the programme didn't allow question mark as a time estimate. This task appears in every sprint since it has been constantly changing and improving)

Daily SCRUM 1

Time: 15:00, 07.04.2020

Present: Everyone

Duration: 5 minutes

Recap: Started working on database, GUI, RMI server and Client side.

Daily SCRUM 2

Time: 14:15, 09.04.2020

Present: Patrik, Karti, Nicolas, Jan

Duration: 7 minutes

Recap: GUI done. Work on setting up the database continues.

Daily SCRUM 3

Time: 15:00, 11.04.2020

Present: Everyone

Duration: 8 minutes

Recap: Ran into the problem with Unicast. Work on new GUI. Database updated with data of books, games, movies.

Sprint Review

Time: 15:20, 13.04.2020

Present: Everyone

Duration: 4 minutes

Recap:

- Problem with an input to restrict use to put wrong type

- Problem with inserting things to the database
- Setting up the database
- Setting up the connection to the database
- RMI Server and client side
- Problem with unicast with the GUI

Sprint Retrospective

Time: 15:20, 13.04.2020

Present: Everyone

Duration: 4 minutes

Recap: During the first sprint we set up all necessary things like setting up the database, connection to the database. Database connections needs to be improved. New GUI had to be constructed to fix the unicast problem.

Sprint 2

Sprint planning

Date: 17:00, 13.04.2020

Present: Everyone

Duration: 10 minutes

Recap: Continue to work on database connection. Finishing RMI Server and Client side. Start working on login.

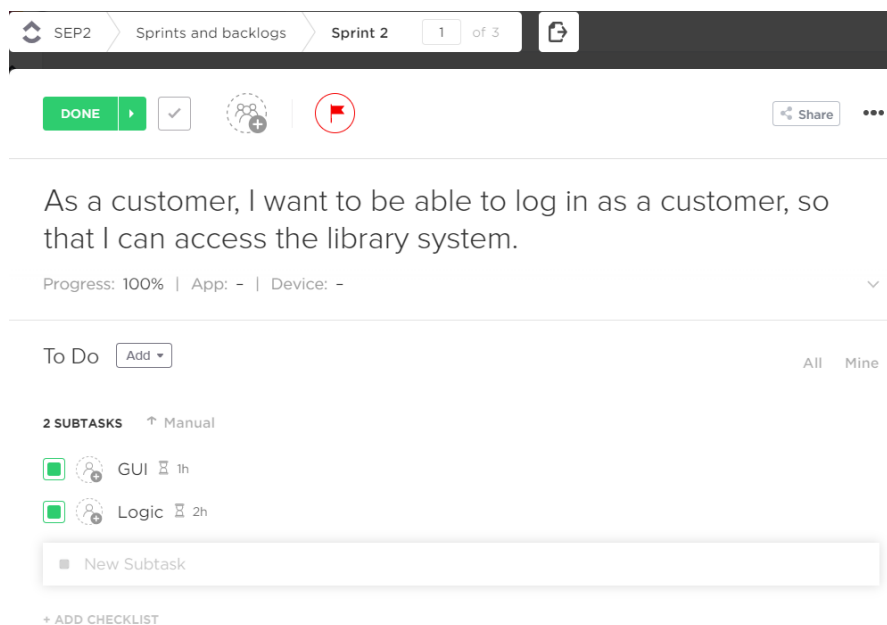


Figure 3 Work breakdown

SEP2

Sprints and backlogs

Sprint 2

2 of 3

DONE

Share

As a customer, I want to edit my user info, so that it is updated.

Progress: 100% | App: - | Device: -

To Do

Add

All

Mine

2 SUBTASKS

Manual

GUI

1h

Implementation

5h

New Subtask

Figure 4 Work breakdown

SEP2

Sprints and backlogs

Sprint 2

3 of 3

DONE

Share

As a visitor, I want to register myself as a customer, so that I can use the library system.

Progress: 100% | App: - | Device: -

To Do

Add

All

Mine

4 SUBTASKS

Manual

RMI Server

12h

GUI

2h

Database connection

6h

Client

24h

New Subtask

Figure 5 Work breakdown

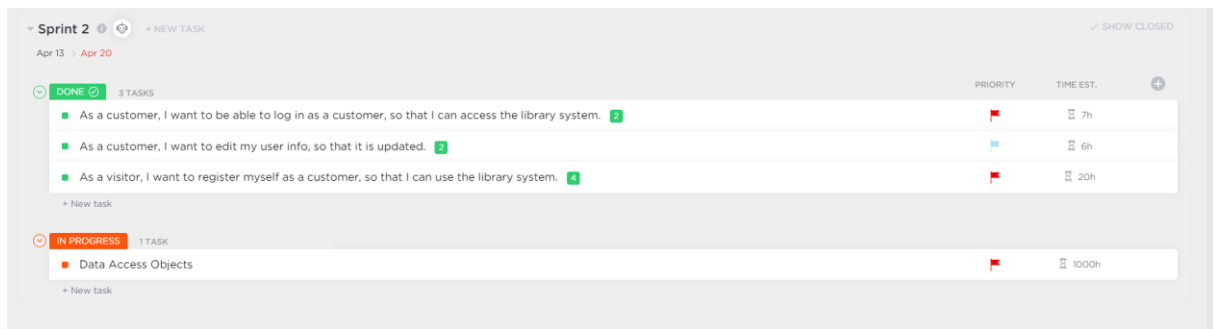


Figure 6 Sprint backlog

Daily SCRUM 1

Time: 13:00, 14.04.2020

Present: Everyone

Duration: 5 minutes

Recap: Login window GUI done. Start working registering as a customer implementation and login.

Daily SCRUM 2

Time: 16:00, 16.04.2020

Present: Everyone

Duration: 3 minutes

Recap: Finish work on registration implementation. Start work on editing window and it's implementation.

Daily SCRUM 3

Time: 13:00, 19.04.2020

Present: Everyone

Duration: 12 minutes

Recap: Validation of users not working. Refractor code of validating user. Check database if there are any mistakes.

Sprint review

Time: 13:00, 20.04.2020

Present: Everyone

Duration: 12 minutes

Recap:

- Login part went smoothly
- Edit validation problem
- Problem with updating the database when user updates info

Sprint retrospective

Time: 16:00, 20.04.2020

Present: Everyone

Duration: 5 minutes

Recap: This sprint went relatively good besides validations of users. Registration of a customer was a huge success.

Sprint 3

Sprint planning

Date: 11:30, 20.04.2020

Present: Everyone

Duration: 5 minutes

Recap: Creating a table so user can view items. Add more data to the database. Finish assigning name in the main window for the particular user. Start connecting java and database. Apply some CSS style so the GUI looks more appealing.

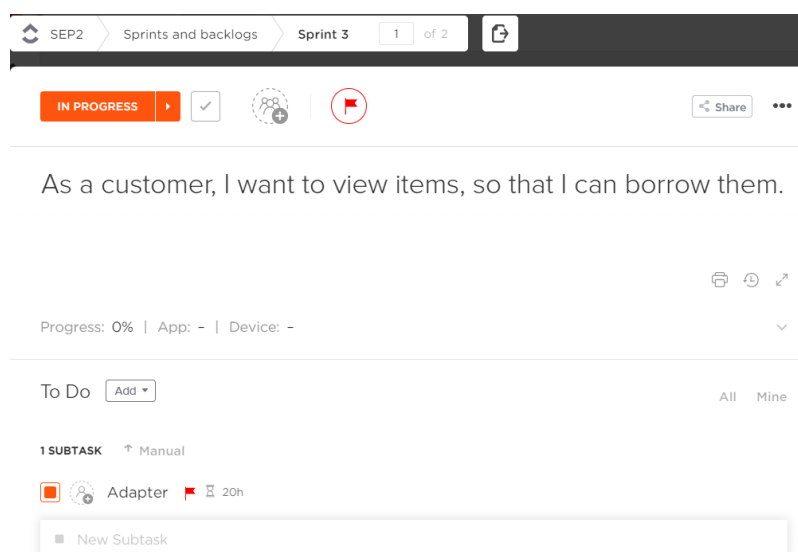


Figure 7 Work breakdownA

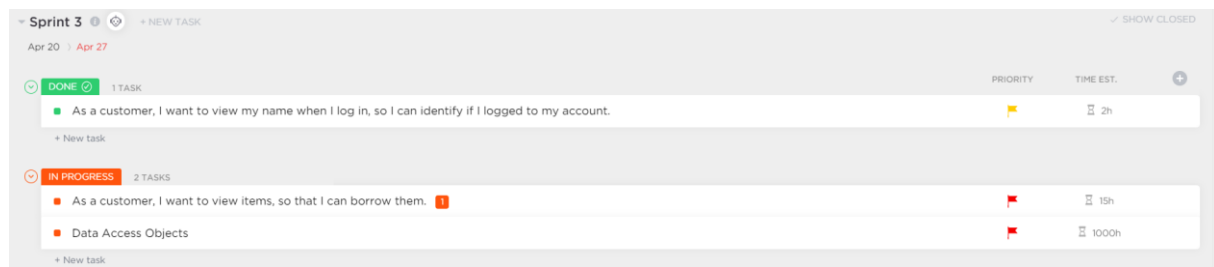


Figure 8 Sprint backlog

Daily SCRUM 1

Time: 13:00, 21.04.2020

Present: Everyone

Duration: 5 minutes

Recap: Continue work on DAO. Finish viewing name in the main window.

Daily SCRUM 2

Time: 13:45, 23.04.2020

Present: Everyone

Duration: 3 minutes

Recap: Apply CSS for the GUI. Make it less eye-straining. Viewing items in the table.

Daily SCRUM 3

Time: 14:00, 25.04.2020

Present: Everyone

Duration: 10 minutes

Recap: Edit user's info and update it in database.

Sprint review

Time: 14:00, 27.04.2020

Present: Everyone

Duration: 10 minutes

Recap:

- Items not viewed right
- Validation problem fixed

- Data properly updated when user edits his info

Sprint retrospective

Time: 14:00, 27.04.2020

Present: Everyone

Duration: 10 minutes

Recap: Problem with updating the database was solved. Displaying of name is now assigned properly. GUI styling has been changed and CSS was added to the windows.

Sprint 4

Sprint planning

Date: 13:00, 27.04.2020

Present: Everyone

Duration: 10 minutes

Recap: Start working on borrowing items. Finish viewing items in the table. Update backlog. Change requirements. Continue working on Adapter.

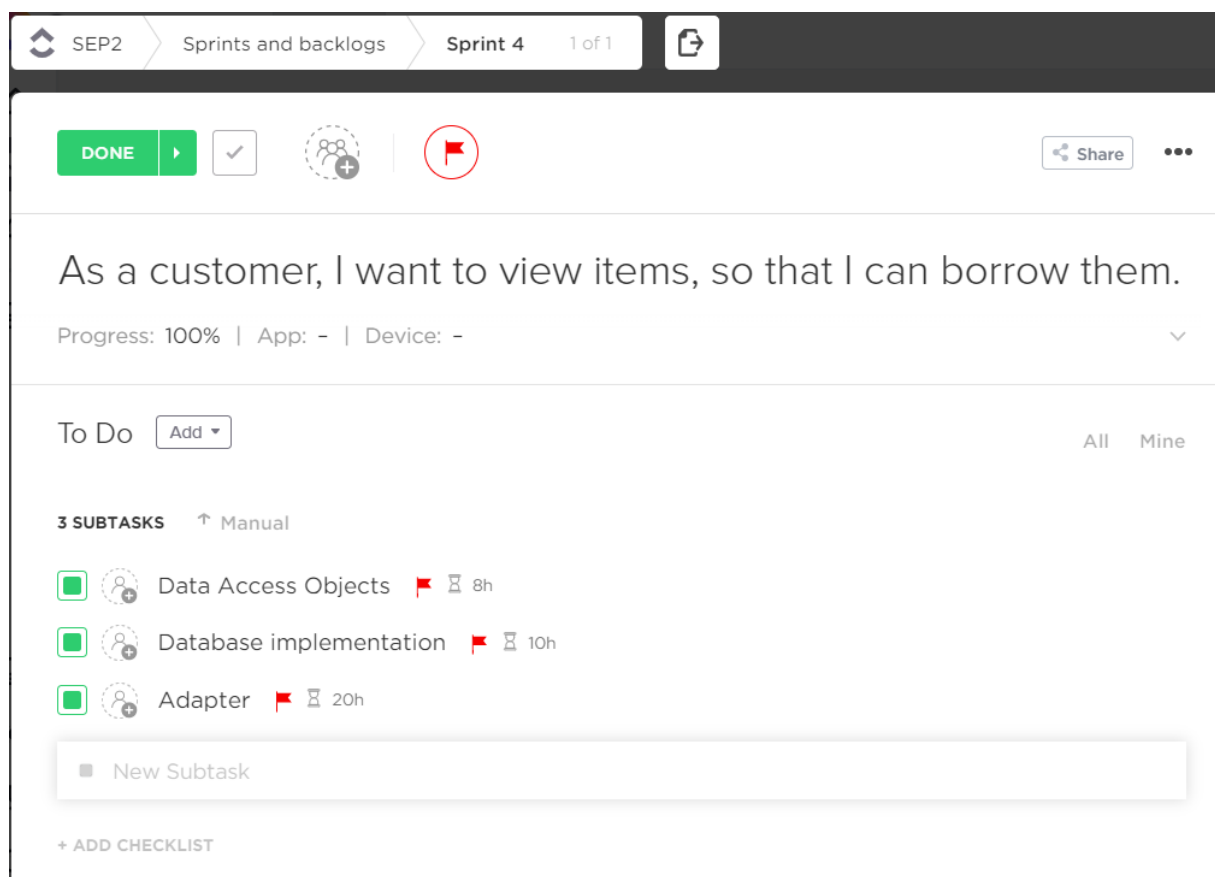


Figure 9 Work breakdown

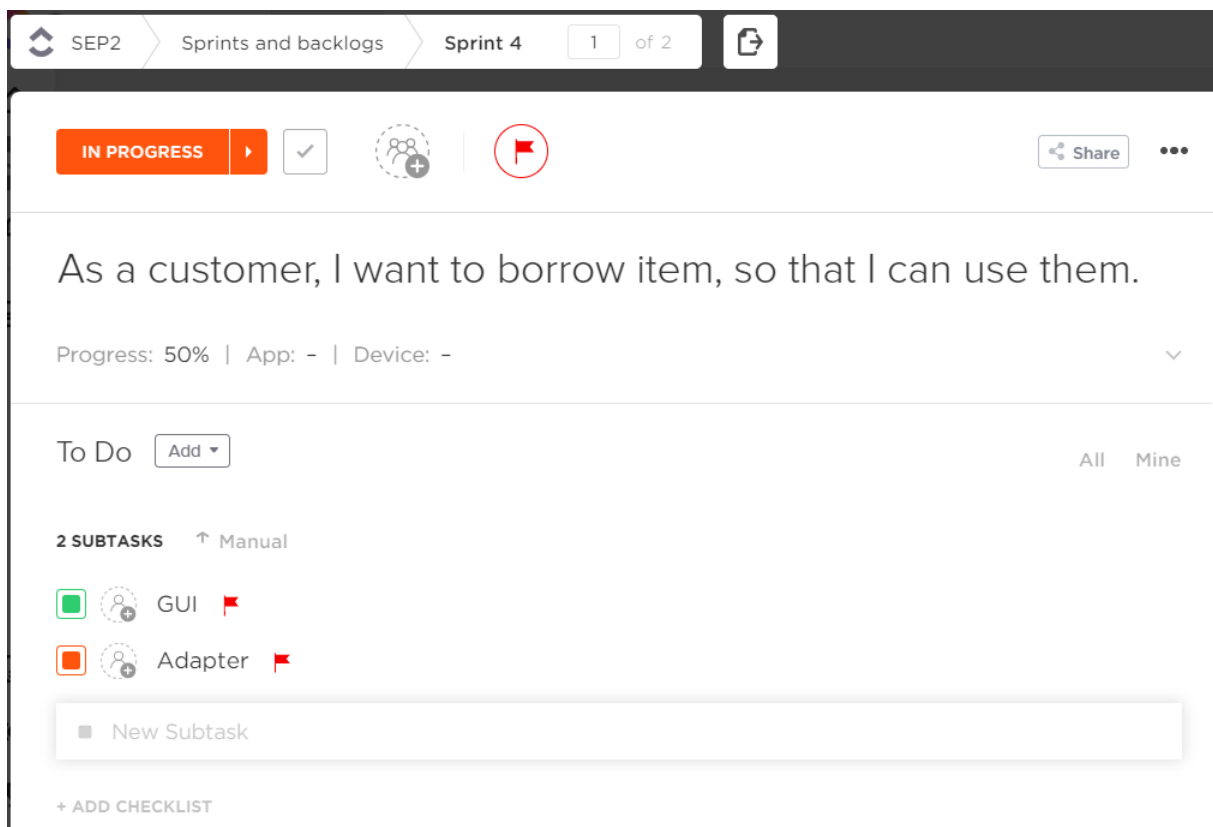


Figure 10 Work breakdown



Figure 11 Sprint backlog

Daily SCRUM 1

Time: 13:00, 28.04.2020

Present: Patrik, Nicolas, Karti, Jan

Duration: 9 minutes

Recap: Table finished. Backlog updated.

Daily SCRUM 2

Time: 10:45, 30.04.2020

Present: Everyone

Duration: 2 minutes

Recap: Implement double checking

Daily SCRUM 3

Time: 14:00, 02.05.2020

Present: Everyone

Duration: 5 minutes

Recap: Continue to work.

Sprint review

Time: 14:00, 04.05.2020

Present: Everyone

Duration: 3 minutes

Recap:

- Fixing borrowing when other users wanted to borrow already borrowed item
- Passing CPR to the other window doesn't work

Sprint retrospective

Time: 14:00, 04.05.2020

Present: Everyone

Duration: 3 minutes

Recap: Implemented double check for borrowing. Asking if the user wants to go to the queue. Made a ViewModel that has two models so it passes CPR between them.

Sprint 5

Sprint planning

Date: 14:00, 05.05.2020

Present: Everyone

Duration: 10 minutes

Recap: Finish borrowing items. Create queue for borrowing. Configure GUI elements.

SEP2

Sprints and backlogs

Sprint 5

2 of 2

DONE

Share

As a customer, I want to borrow item, so that I can use them.

Progress: 100% | App: - | Device: -

To Do

Add

All

Mine

2 SUBTASKS

Manual

Implementation

10h

Adapter

New Subtask

Figure 12 Work breakdown

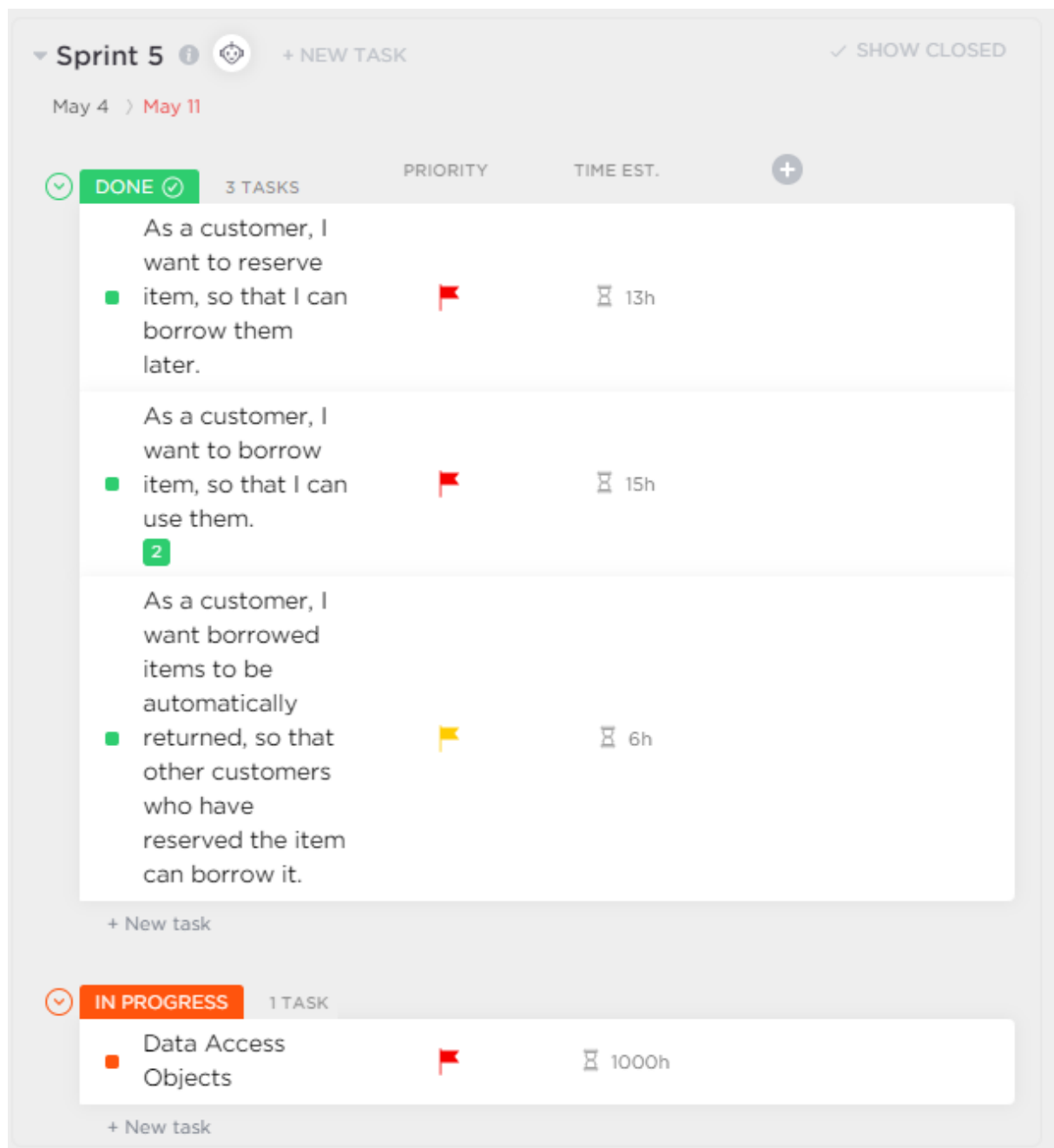


Figure 13 Sprint backlog

Daily SCRUM 1

Time: 13:00, 05.05.2020

Present: Everyone

Duration: 10 minutes

Recap: Start working on queue. Update Use Case Diagram.

Daily SCRUM 2

Time: 10:45, 07.05.2020

Present: Everyone

Duration: 5 minutes

Recap: Implement double checking

Daily SCRUM 3

Time: 14:00, 09.05.2020

Present: Everyone

Duration: 5 minutes

Recap: Continue to work.

Sprint review

Time: 14:00, 11.05.2020

Present: Everyone

Duration: 5 minutes

Recap:

- Configure GUI elements so they are shown for a particular item
- Create queue
- View borrow bug where user can borrow item twice
- Multiple people can borrow item bug

Sprint retrospective

Time: 14:00, 11.05.2020

Present: Everyone

Duration: 15 minutes

Recap: Managed to make a borrowing work, so nobody can borrow an item if it was borrowed by another customer. A queue was made for the reservation. Encountered a bug where customer can borrow an item two times. Database was needed to be improved so the bug was fixed.

Sprint 6

Sprint planning

Time: 14:00, 11.05.2020

Present: Everyone

Duration: 15 minutes

Recap: Due date notification implementation. Start to work on returning items. Alert when entering queue. Improve queue. Update sequence diagram. Update process report and project report.

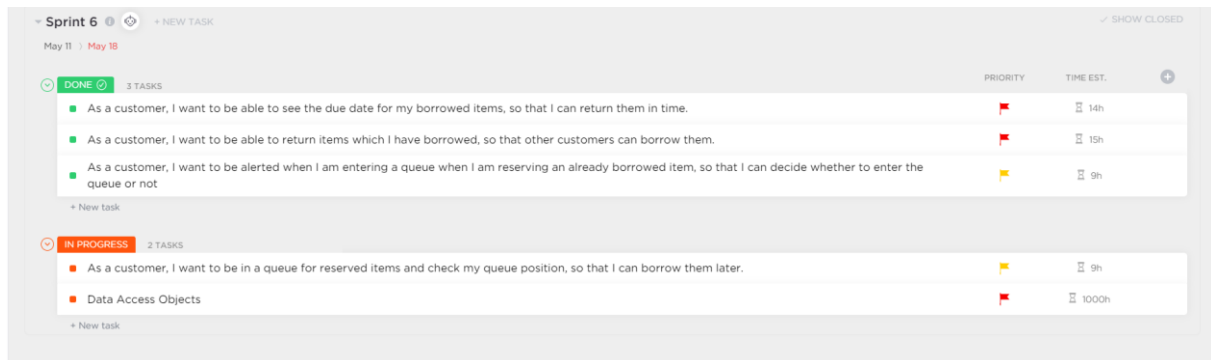


Figure 14 Sprint backlog

(Work breakdown not shown, since all the task have the same subtasks as GUI, Implementation and Adapter)

Daily SCRUM 1

Time: 13:00, 12.05.2020

Present: Everyone

Duration: 10 minutes

Recap: Start working on queue. Update Use Case Diagram.

Daily SCRUM 2

Time: 10:45, 14.05.2020

Present: Everyone

Duration: 15 minutes

Recap: Implement double checking

Daily SCRUM 3

Time: 14:00, 16.05.2020

Present: Everyone

Duration: 10 minutes

Recap: Continue to work.

Sprint review

Time: 14:40, 18.05.2020

Present: Patrik, Nicolas, Karti, Jan

Duration: 10 minutes

Recap:

- Bug where people with reservation should not be able to return the item
- Reservation queue should update its positions when a customer returns an item which has reservations
- Pop up window when entering a queue went smoothly

Sprint retrospective

Updating a queue was way harder than expected. One of the hardest sprints. In the next semester project switch ClickUp for something else.

Sprint 7

Sprint planning

Time: 14:40, 19.05.2020

Present: Patrik, Nicolas, Karti, Jan

Duration: 10 minutes

Recap: Continue polishing documentation. Rework inheritance in items. Work on system and package diagrams.

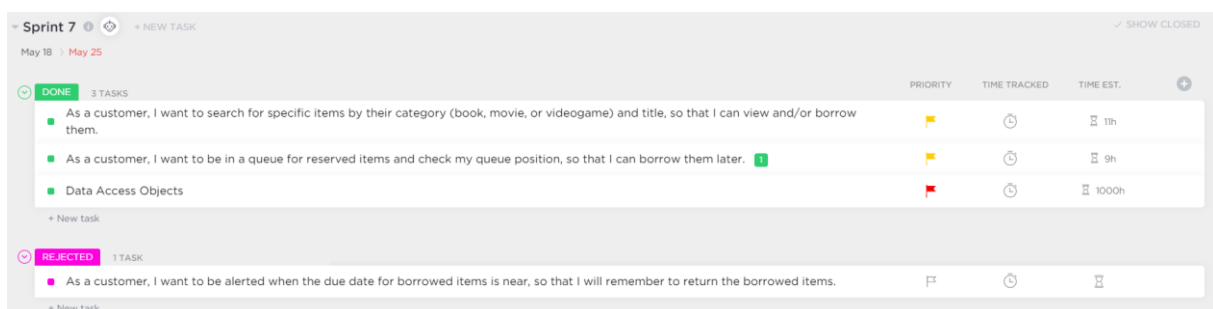


Figure 15 Sprint backlog

Daily SCRUM 1

Time: 13:00, 21.05.2020

Present: Everyone

Duration: 10 minutes

Recap: Start working on queue. Update Use Case Diagram.

Daily SCRUM 2

Time: 10:45, 23.05.2020

Present: Everyone

Duration: 15 minutes

Recap: Implement double checking

Daily SCRUM 3

Time: 14:00, 25.05.2020

Present: Everyone

Duration: 10 minutes

Recap: Continue to work.

Sprint review

Time: 14:00, 25.05.2020

Present: Everyone

Duration: 10 minutes

Recap:

- Searching for an item needs to be case sensitive
- Searching in categories

Sprint retrospective

Categories were added and all items are showed the all button is clicked. It was decided that the whole project and documentation will be done on 29th, so this sprint was a little longer than previous.