

Peer Assessment

2A. Overall Contribution

15% - Derren Chin (s3814934)

26% - Khoi Nguyen (s3678755)

17% - Liam Carnie (s3718562)

20% - Sarthak Rungta (s3816605)

22% - Chen Wang (s3853260)

2B. Individual Performance

[Derren Chin \(s3814934\)](#)

What tasks have you contributed?

- added/edited User Story: 4, 5, 16, 23, 24
- Peer assessment base document
- CircleCI screenshots
- Summary documents
- Minutes of Meetings
- Slack Logs
- Design Description Document
- Purchase history front-end write up

What else did you do for Milestone 2?

- Helped Liam with Product Backlog
- Worked with Sarthak with the front-end

[Liam Carnie \(s3718562\)](#)

What tasks have you contributed?

- Test case write up 1+2
- Created Book services
- Worked on further book features
- Implemented book model
- Implemented book controllers/services
- Implemented book repository
- Sprint Planning 1+2
- Sprint Retrospective 1+2
- Test cases undertaken 1+2
- Project Burndown calculation + graphing
- Sprint Backlogs 1+2

What else did you do for Milestone 2?

- Fixing of sprint 1 and sprint 2 mix up
- Cleaning of other documentation

[Khoi Nguyen \(s3678755\)](#)

What tasks have you contributed?

Sprint 1:

- Implemented the **Signup and Login** feature (all functionality from frontend to backend)
- Implemented the **Registration functionalities and Registration Page** to upload and assign the book to that registration
- Implemented Add/Remove features for Book Selling Registration
- Implemented Add/Remove features for Shop, exclusively for Shop Owners
- Implemented the **Header** component (all functionality from frontend to backend)
- Implemented **Context Hooks** for the team instead of using Redux
- Authenticated User with **JWT** and **User Session** using useContext Hook
- **Converted** all Homy code to be compatible with the use of Context instead of Redux
- Introduced **Material-UI, Formik, Material-UI-search-bar** dependencies for the team
- Used **SWR** dependency for auto fetching and re render the application if there are any changes from rendered data value
- Implemented the **Approval Registration functionality** for admin (backend)
- Implemented **Incoming Registration Page** for admin (all functionality from frontend to backend)
- Implemented Add Book functionality in the Backend
- Designed and implemented **all available DTOs** when data got transferred from frontend for backend processing
- Designed how **user/book/copy object structures** look likes as JSON
- Created **.circleci/config.yml** file for CircleCI for the whole application build
- Set up **test jobs** on CircleCI for every service (frontend to backend)
- Connected all team member works together
- Responsible for **Git version control**, as a **reviewer** for every pull request
- Created Roles and applied component hiding for specific role

Sprint 2:

- Implemented **Search book** (by all or by selected options) functionality (backend)
- Implemented **Search book page** on frontend
- Redesigned and Updated how **user/book/copy object structures** look likes as JSON (keep on updating)
- Created **Custom Axios component** to wrap up all the URLs into one place for better management, and pre created options for deploy environment URL such as AWS ECR
- Help Sarthak and Derren with **Dynamic React** page (data fetching using **SWR/Axios** and **dynamic displaying/component hiding, JS safeguard**, introducing **ternary operation**, how to deal with **Promise** and **Responses**).
- Help Liam with **Test cases Documentation** and **Sprint Retro** for Sprint 2
- Comed up with the **application architecture** and **future plan** for the application and deployment method

- Updated Jira board with **Technical and Design/DevOps** issues, which is not directly contribute to the Backlog items, but to compliment every person who is doing in the background
- Wrote down **Design Description Document** for Sprint 2

What else did you do for Milestone 2?

- **Dockerized** the whole application.
- Used Docker Compose to Dockerize Frontend Node application to split up **development** and **production** build.
- Created **Docker Network** to connect all containers together, up and ready for deployment process.
- Set up **build jobs** on CircleCI for every service (frontend to backend).
- Use **MySQL Image** provided by **Docker.io** to speed up the development process.
- Told everyone in the team to apply the best practices in any cases (coding, testing, deploying)
- Introduced the **application architecture** to the whole team (Team meetings, Slack chat, DMs, etc.)
- Plan ahead and assigning task to other members
- Active and working closely with others and helping everyone with their tasks.

[Sarthak Rungta \(s3816605\)](#)

What tasks have you contributed?

- Developed front-end code for Homepage
- Developed front-end code for About Us page
- Developed front-end code for Contact us page
- Developed front-end code for Profile page
- Re-wrote front-end code for Purchase history page, to maintain project conventions
- Ensured back-end interaction and API communication for Purchase history
- Wrote front-end tests for About us page
- Wrote front-end tests for Contact us page
- Wrote front-end tests for Profile page

What else did you do for Milestone 2?

- Assisted Derren with front-end programming conventions
- Moved all image resources to public folder, to simplify access
- Ensured working of back-end, using Postman

[Chen Wang \(s3853260\)](#)

What tasks have you contributed?

- Designed User entity diagram
- Designed Book entity diagram
- Designed Copy entity diagram
- Created copy service, copy repository, copy controller and exception
- Created search functions for book service and copy service
- Tested backend with postman

- Wrote spring boot test for all the model in backend
- Wrote spring boot test for all the repository in backend
- Wrote spring boot test for all the controller in backend
- Wrote spring boot test for all the service in backend
- Wrote spring boot test for all the exception in backend

What else did you do for Milestone 2?

- Helped Liam with get List function for book service