

Week 6 Checklist

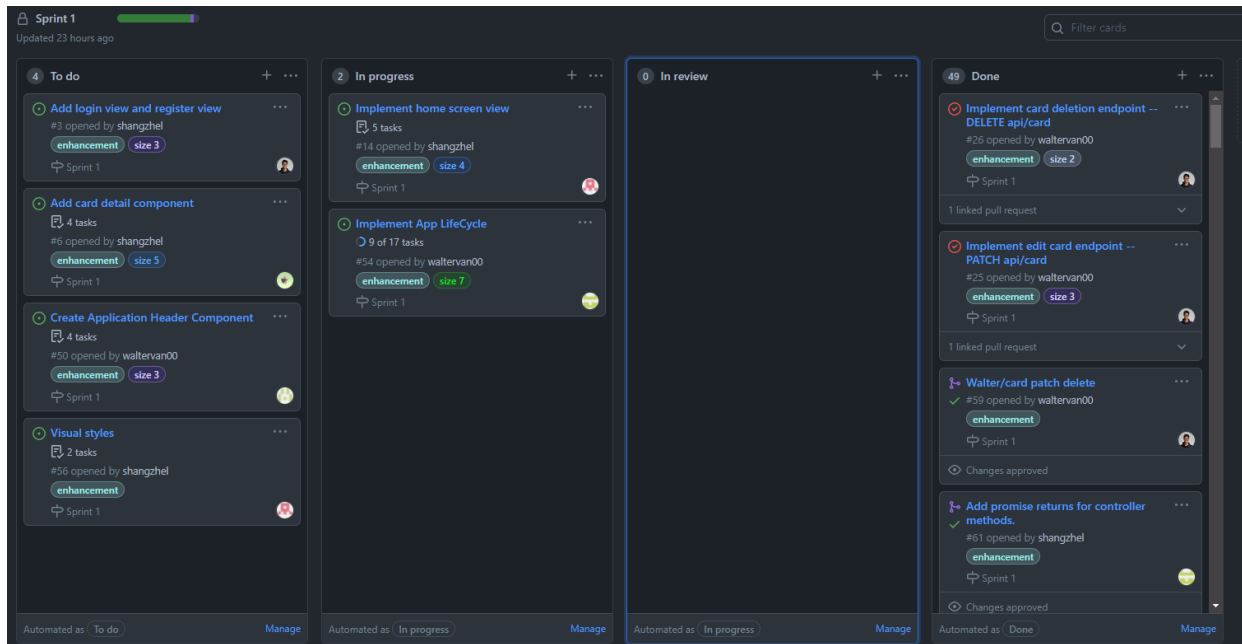
Team name: Team Porkbelly

Supervisor: Doc Wallace

Process:

- The team uses the messaging application Discord in order to host meetings, send messages and receive notifications of updates on the GitHub repository such as Issues, Pull Requests and feedback comments.
- The team has setup a private repository on GitHub in order to work on this project, link: <https://github.com/chomosuke/IT-PROJECT-PorkBellyPro>. The supervisor has already been invited and is able to access the repository.
- Team documents such as minutes and project documentation – artefacts that are not explicitly code – are kept in a branch of the repository separated from ‘Master.’ You may access this branch on the GitHub repository through this link: <https://github.com/chomosuke/IT-PROJECT-PorkBellyPro/tree/docs>. As the repository is private, it may require an invitation.
- Meeting minutes are stored in the same branch of the repository. They may be found here: https://github.com/chomosuke/IT-PROJECT-PorkBellyPro/tree/docs/docs/team_minutes. Likewise, client meetings are stored in this directory: https://github.com/chomosuke/IT-PROJECT-PorkBellyPro/tree/docs/docs/client_meetings

- Tasks for each member are adapted into Issues in the GitHub repository. Each of these issues can be assigned to a member(s) to complete, as well as are associated with milestones and a GitHub Project board for tracking. These boards may be accessed at <https://github.com/chomosuke/IT-PROJECT-PorkBellyPro/projects/>.



Snapshot of 'Sprint 1' project board

- Regarding the distribution of tasks, they are self-assigned to members based on their expertise of the subject, for example, mock-up tasks were primarily done by our student from Design, and code boilerplate was established with our Technical Lead. Among more generalist tasks, members are encouraged to step forward and voluntarily select tasks they wish to complete. To ensure that each team member understands their tasks, size estimation ceremonies (in the style of Size Poker) are carried out in the presence of the whole team with the function to communicate the scope of each task. During the completion of these tasks, members are able to use the communication channels to report on road-blocks and request for other members to assist them. Prior to task completion, members request for a review from the others either integrated into Pull Requests or through communications. This gives an opportunity for them to contribute to the tasks through providing feedback and raising questions to further the teams understanding.

Requirement Artefacts:

At the end of week6, several requirement artefacts have been generated. A Requirement Elicitation document was created lastly to compile the requirements extracted from the team's first meeting with the client: https://github.com/chomosuke/IT-PROJECT-PorkBellyPro/blob/docs/docs/week6_artefacts/RequirementElicitation/RequirementElicitation.pdf. The artefacts referenced in this document are listed below:

- A list of questions prepared for the interview: https://github.com/chomosuke/IT-PROJECT-PorkBellyPro/blob/docs/docs/week6_artefacts/RequirementElicitation/InterviewQuestions.pdf
- A Motivational Model created from dialogue with the client: https://github.com/chomosuke/IT-PROJECT-PorkBellyPro/blob/docs/docs/week6_artefacts/RequirementElicitation/Motivational%20Model.png
- Tabulated and written user stories: https://github.com/chomosuke/IT-PROJECT-PorkBellyPro/blob/docs/docs/week6_artefacts/RequirementElicitation/ITProjectPorkBellyPro-UserStories.pdf

In conjunction to these artefacts, in preparation for our first sprint, a product backlog was created to aid in structuring task management.

https://github.com/chomosuke/IT-PROJECT-PorkBellyPro/blob/docs/docs/week6_artefacts/RequirementElicitation/ProductBacklog.pdf

A persona was also created to encapsulate a typical user who may utilise this product for their benefit: https://github.com/chomosuke/IT-PROJECT-PorkBellyPro/blob/docs/docs/week6_artefacts/RequirementElicitation/Week_6_checklist_-_persona.png

Design Artefacts:

Artefacts created up to week 6 are related to mock-ups, and UML diagrams that aim to document the system.

Our system's UI mock-ups may be found at: <https://github.com/chomosuke/IT-PROJECT-PorkBellyPro/tree/docs/prototype>. These contain files to a hand-drawn Lo-Fi mock-up, snapshots of two iterations of our Hi-Fi mock-up and links to them. For convenience the URLs to these two mock-ups are provided below:

- Version 1: <https://www.figma.com/file/VlivG57pqVuJ7bvBmeIR2s/UX-prototype-v1>
- Version 2: <https://www.figma.com/file/5g1aZsJaCJlOYkJkFBpj4M/UX-prototype-v2.0?node-id=0%3A1>

The second iteration of the UI had received feedback through a series of three interviews with people external to the team. The interview details had been recorded and accessible here:

https://github.com/chomosuke/IT-PROJECT-PorkBellyPro/blob/docs/docs/week6_artefacts/UIPrototypeInterview.pdf

The latest iteration of the UI mock-up can be found here:

<https://www.figma.com/file/eTM4bPj4803ZOjXDyxsmOk/UX-prototype-v2.1?node-id=0%3A1>

Several diagrams in UML have been created:

- Database schema diagram:
https://github.com/chomosuke/IT-PROJECT-PorkBellyPro/blob/docs/docs/week6_artefacts/Mongodb_UML_3rd_iteration.png
- Software Component diagram:
https://github.com/chomosuke/IT-PROJECT-PorkBellyPro/blob/docs/docs/week6_artefacts/SystemComponentDiagram.png
- (Prototype) Class diagram for React Components: https://github.com/chomosuke/IT-PROJECT-PorkBellyPro/blob/docs/docs/week6_artefacts/UIComponentsModel.png
- Class diagram for React Component Tree: https://github.com/chomosuke/IT-PROJECT-PorkBellyPro/blob/docs/docs/week6_artefacts/ReactComponentModel.png