Team PorkBelly

Week 12 Checklist

21st October, 2021

Supervisor: Doc Wallace

Process:

- Communication tools are up to date. The team still uses Discord as their primary communication hub. This is integrated to their GitHub repository via webhooks that send notifications to the server.
- Team documents like minutes are kept updated on the repository: https://github.com/chomosuke/IT-PROJECT-PorkBellyPro/tree/docs/docs/team_minutes. The latest team minutes now include a table of actionable items to serve as a brief summary of each member's tasks. The GitHub project boards remain as the means to coordinate tasks as GitHub Issues: https://github.com/chomosuke/IT-PROJECT-PorkBellyPro/projects. (Figure 1)
- The Repository Link is provided here: https://github.com/chomosuke/IT-PROJECT-PorkBellyPro
- Tasks are being distributed equally among team members. Members are encouraged to carry out tasks that interest them. Communicating members' availability is crucial as the semester draws to a close. Team members are receptive asking for new tasks to do, although most of the teams efforts were now (as of the 21st of October) focused on handover. Members contributed equally in Sprint 2 – Tags implementation and Styling – where the task of styling was split into components that each member was responsible for styling. Members that were not involved in styling were active in providing advice during pair-programming sessions. As usual, members were invited to review PRs as another means of contributing to tasks.
- On the 8th of October, the team held their sprint review for the completion of Sprint 2 with the client. The minutes are recorded and posted here: https://github.com/chomosuke/IT-PROJECT-PorkBellyPro/blob/docs/docs/client_meetings/sprint2Review%20211008.pdf. Following this the team held their retrospective; its minutes are listed here: https://github.com/chomosuke/IT-PROJECT-PorkBellyPro/blob/docs/docs/team_minutes/sprint2Retrospective%20211008.pdf.

Artefacts:

- The current functional requirements completed are user stories 1 to 15 listed on the Requirment Elicitation document: https://github.com/chomosuke/IT-PROJECT-PorkBellyPro/blob/docs/docs/week12_artefacts/requirementArtefacts/RequirementElicitation_v2.pdf. The completion of these stories are accumulated over the two sprints.
    - Sprint 1 Retrospective: https://github.com/chomosuke/IT-PROJECT-PorkBellyPro/blob/docs/docs/team_minutes/sprint1Retrospective%20210915.pdf
    - Sprint 2 Retrospective: https://github.com/chomosuke/IT-PROJECT-PorkBellyPro/blob/docs/docs/team_minutes/sprint2Retrospective%20211008.pdf
    - In addition to these two retrospectives, user story 15 – card favourite feature – was completed outside of both of these sprints (an unofficial sprint 3). For details on the team's decision to hold an unofficial sprint 3, see: https://github.com/chomosuke/IT-PROJECT-PorkBellyPro/blob/docs/docs/team_minutes/teamMinutes%20211011.pdf
- The Design Artefacts have been updated since the completion of Sprint 2. This was done with the intention to communicate the workings of some key aspects of the application. They are contained in the directory: https://github.com/chomosuke/IT-PROJECT-PorkBellyPro/tree/docs/docs/week12_artefacts/designArtefacts, including the following artefacts.
    - Front End Application Initialisation Sequence Diagram (AppLifeCycle)
    - Front End "Implement User" Sequence Diagram (ImplementUser)
    - Front End Application Layer Static Design Diagram (ApplicationLayerDiagram)
- The Tasks completed in the Sprint 2 (starting 15th September, ending 8th October), are listed on the Retrospective for Sprint 2: https://github.com/chomosuke/IT-PROJECT-PorkBellyPro/blob/docs/docs/team_minutes/sprint2Retrospective%20211008.pdf.
- In addition to that, the team had completed user story 15, as well as written the suite of automated Acceptance and Integration Tests since the end of sprint 2 and towards the date of this writing.
- Coding is up to date keeping up to the coding standards set by AirBnB and enforced with ESLint.

- The application is deployed on Heroku, using a MongoDB Atlas cluster to serve the database: https://porkbellypro-crm.herokuapp.com/.
- The team had contacted the client regarding the final handover meeting. This meeting will be held 3pm AEST on Monday the 25th.
- The team had carried out additional usability tests to evaluation our current product, while the time to address these issues were limited, they would serve well for developers who wish to further the application: https://github.com/chomosuke/IT-PROJECT-PorkBellyPro/blob/docs/docs/week12_artefacts/ITProjectPorkBellyPro-MVPUXevaluation-211021-0641.pdf
- Integration and acceptance tests, described in the testing plan (link: https://github.com/chomosuke/IT-PROJECT-PorkBellyPro/blob/docs/docs/week9_artefacts/testingPlan.pdf), have been implemented as Automated Tests and integrated into the repository's Continuous Integration Pipeline. Figures 2 and 3 show a snapshot of the results of Integration and Acceptance tests respectively. https://github.com/chomosuke/IT-PROJECT-PorkBellyPro/actions is a link to the history of CI workflow runs, from which the test results for each push can be found.
    - Integration Tests including READ-ME with directives for local testing: https://github.com/chomosuke/IT-PROJECT-PorkBellyPro/tree/master/server/src/__tests__/integration
    - Acceptance Tests including READ-ME with directives for local testing: https://github.com/chomosuke/IT-PROJECT-PorkBellyPro/tree/master/web/src/__tests__/__acceptance__

Appendix:

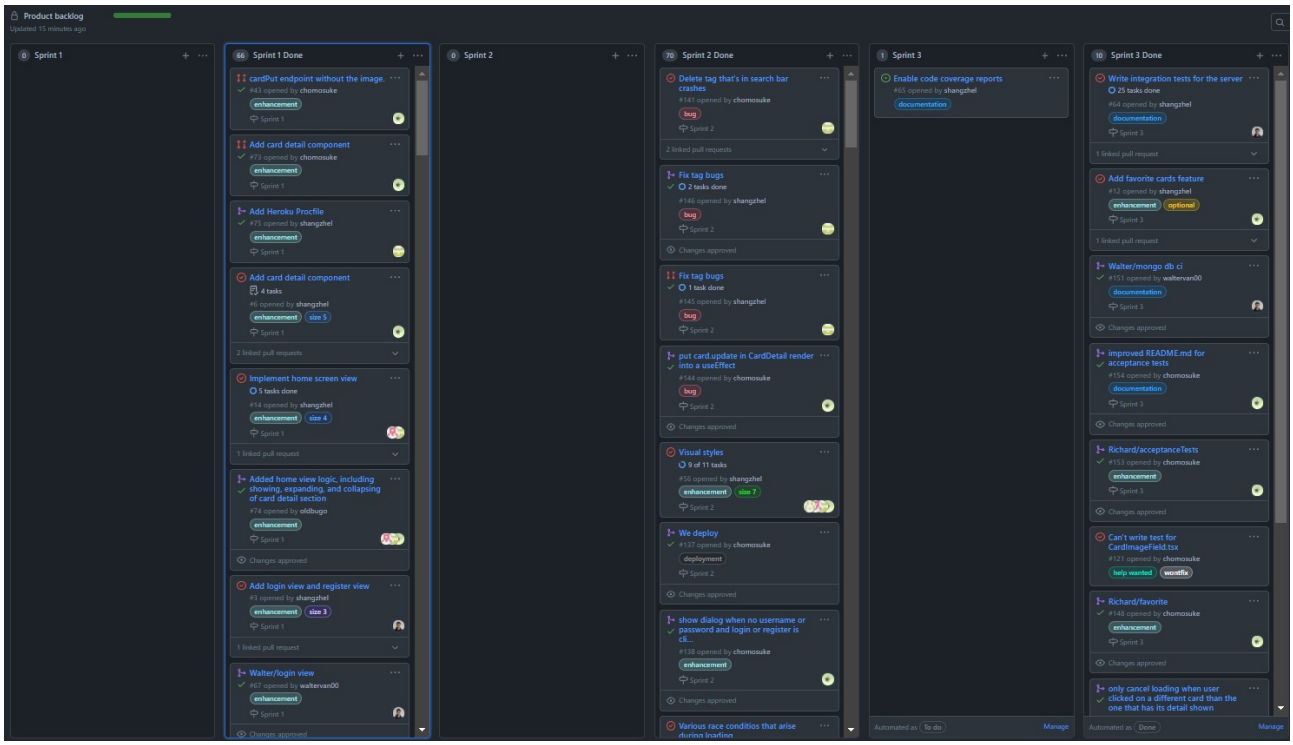

Figure 1: Project Board

```
PASS src/__tests__/api/authenticated/auth.ts (5.918 s)
PASS src/__tests__/api/register.ts (6.025 s)
PASS src/__tests__/api/authenticated/image.ts
PASS src/__tests__/integration/cardUpdate.ts (6.251 s)
PASS src/__tests__/api/login.ts (6.293 s)
PASS src/__tests__/api/authenticated/cardPatch.ts (6.479 s)
PASS src/__tests__/api/authenticated/tagPatch.ts
PASS src/__tests__/api/authenticated/me.ts
PASS src/__tests__/api/authenticated/cardPut.ts (6.564 s)
PASS src/__tests__/integration/tagUpdate.ts (6.559 s)
PASS src/__tests__/api/authenticated/asyncRouteHandler.ts
PASS src/__tests__/api/authenticated/tagPut.ts
PASS src/__tests__/api/authenticated/cardDelete.ts
PASS src/__tests__/api/authenticated/tagDelete.ts
PASS src/__tests__/integration/tagAttach.ts (6.683 s)
PASS src/__tests__/integration/tagDelete.ts (6.696 s)
PASS src/__tests__/integration/cardCreate.ts (6.69 s)
PASS src/__tests__/api/asyncRouteHandler.ts
PASS src/__tests__/integration/imageGet.ts (7.01 s)
PASS src/__tests__/api/logout.ts
PASS src/__tests__/integration/me.ts
PASS src/__tests__/integration/register.ts
PASS src/__tests__/integration/login.ts
PASS src/__tests__/integration/logout.ts
PASS src/__tests__/integration/connection.ts
  ● Console

    console.log
      {
        username: 'o307Vp8BLJ73osWT4S5ap9PaNOM2RJfg2lGTFUu8w+A=',
        settings: {},
        cards: [],
        tags: []
      }

      at Object.<anonymous> (src/__tests__/integration/connection.ts:28:13)

PASS src/__tests__/integration/tagCreate.ts
PASS src/__tests__/integration/cardDelete.ts
```

Figure 2: Integration Tests for Server

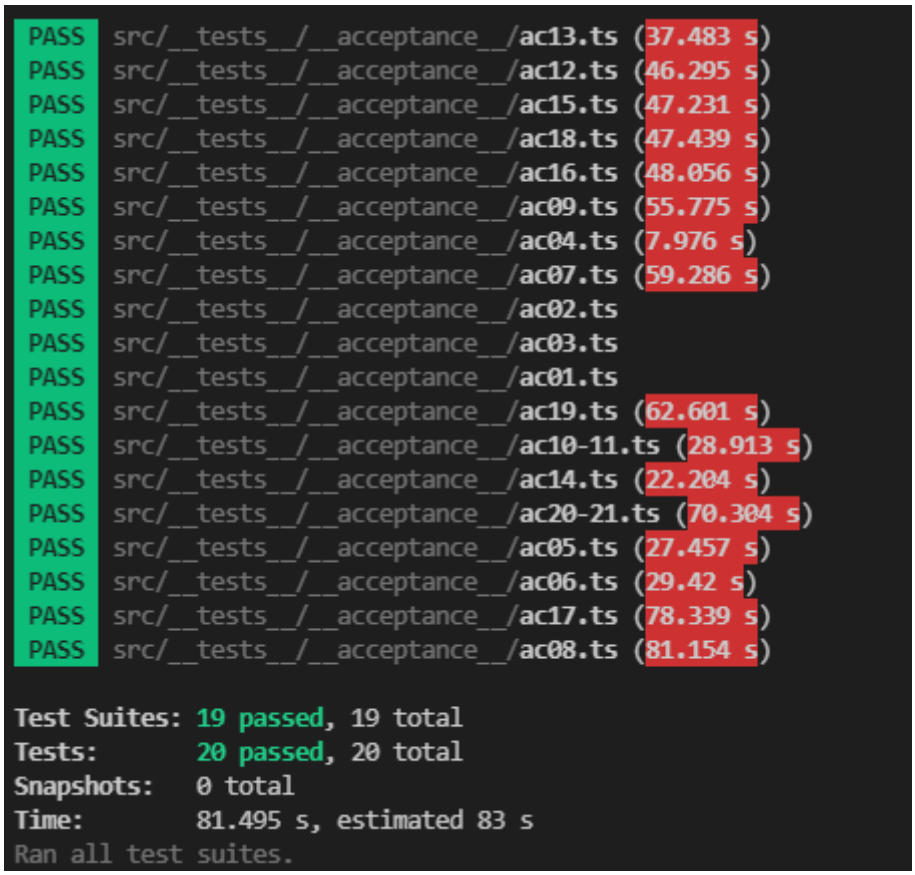

Figure 3: Acceptance Tests for Entire Product