Sprint: 2
Date: 06/09/2021

Attended:
Scrum Master: Kim Ta
Product Owner: Dipto Pratyaksa
Testing: Megan Dalton
Development team: Declan Baker, Dineth Abeysinghe

1. Goal

   The aim of this sprint is to carry over incomplete items from the previous sprint and implement high priority items according to the revised product backlog. Due to the transition to a new base code, some previous implementation will be transferred from the old repository. The team will develop features that extend upon the basic layout to prepare for the full book transactions to be completed in upcoming future sprints. Additional elements are to be set up in the project so that the app can be Dockerised, as well as built on CircleCI, so that continuous integration is being automated.

2. Duration of the sprint

   2 weeks

3. What is the team's vision for this sprint?

   The unimplemented product backlog items from the previous sprint, as well as old functions that are not included in the new base code are carried over in this sprint. The following is the first set of items to be committed:

   - Users (all 3 types) can logout
   - Shop owners can register
   - Users can view information about the company/service
   - Users can view contact details about the company/service
   - Admin can add books
   - Visitor can search for books by name
   - Visitor can search for books by author
   - Visitor can search for books by ISBN

A change to the architecture of the project had been relayed to the team via the Product Owner: to implement features in an architecture using microservices, instead of a monolith. The team recognises the benefits of microservices in productivity when the base complexity of the app is at a high level.

The second set of backlog items have been placed at high priority per request from the Product Owner during team meetings:

- Visitors can browse books
- Public users can browse books
- Shop owners can browse books
- Public users can search for books by name
- Public user can search for books by author
- Public users can search for books by ISBN

Browsing functions were originally absent from the backlog, as the team did not initially receive reports requiring the feature. However, the Product Owner expressed that it is expected from the client during recent meetings. Hence, the backlog and Jira board was updated and new user stories were added for these items.

The shippable product will allow shop owners to register. There will be a working logout feature for all users. Any user can view information and contact details about the Bookeroo e-commerce service. The search bar will be functional for visitors and public users. Books can be searched by name, author and ISBN. There will be a catalogue, where users can browse books and this can be accessed from a link in the header. The front-end will also include a search bar on the catalogue page.

## 4. Estimation in story points

The team commits to a total of 29 story points. The first set of backlog items have been transferred from the previous sprint. Justification for these items remains the same as recorded in the previous sprint planning document:

- Users (all 3 types) can logout (1 story point)
- Shop owners can register (1 story point)
- Users can view information about the company/service (1 story point)
- Users can view contact details about the company/service (1 story point)
- Admin can add books (1 story point)
- Visitor can search for books by name (3 story points)
- Visitor can search for books by author (3 story points)
- Visitor can search for books by ISBN (3 story points)

The browsing function is identical for all users, hence they have the same story points. The query to obtain a list of books is simpler than having to specify particular attributes of books. Hence, it is slightly easier to implement than searching. However, there remains some effort from the front-end to accurately demonstrate its performance.

- Visitors can browse books (2 story points)
- Public users can browse books (2 story points)
- Shop owners can browse books (2 story points)
- Public users can search for books by name (3 story points)
- Public user can search for books by authors (3 story points)
- Public users can search for books by ISBN (3 story points)