

Sprint #1 Planning

Team: Group 5

Sprint: Sprint 1

Date: 04/08/2021

Product Owner: Md Redowan Mahmud

Scrum Master: Harshita Kumar

Development team:

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Github repository link:

<https://github.com/DhruvBachani/Bookeroo>

Sprint Goal

For Sprint#1, the team has decided to implement the high-to-medium priority features. The user stories are going to be addressed in order of the priorities assigned to them. The chosen functionality includes: user registration feature; login feature; user being able to buy, sell and share books; posting new books to the platform; view transaction history; and make payment through paypal.

In terms of the sprint capacity, approximately half the team has experience with React and/or Spring Boot and the other web tools, hence it is essentially a trial and error approach to how the feature implementation would be undertaken. The team is looking at the sprint as an eye opener to what their abilities in this field are. Nevertheless, almost every member is well acquainted with web programming and hence, the team aims to address all the core functionality before the given deadline, starting with features with a “high” priority.

Sprint Duration

This sprint is estimated to run for a period of 2 weeks. The team commenced the working on 30th July.

What is the team's vision with this sprint?

There is a specific bunch of features that the team has opted to place in the current sprint backlog. The decision behind each feature's priority is based on its place on the importance hierarchy. Features such as user login, and users being able to buy and sell books lie near the top of the chain, because they allow the website to successfully start functioning being the primary goal behind the application, while the other features have been assigned a medium to low priority as they serve as an addition to the core features.

The potentially shippable product at the end of this sprint will be a partially functioning book selling and buying platform that encapsulates the concept of APIs, while allowing shop owners, publishers and customers to register and maintain their accounts on the website in order to make purchases, sell or share items and make use of other features of the application.

In terms of the features, users will be able to create new accounts along with being able to buy and sell books. The login and signup feature will be completed, and also the checkout and payment feature using Paypal API will be executed. A special admin feature that would allow the admin to recognize the admin permissions will be attempted, as well as a medium priority feature regarding the customer being able to view their transaction history is in the planning for this sprint.

Sprint estimation in story points

Story point estimation was decided after conducting a Scrum Poker, where the entire team anonymously estimated story points for the sprint 1 user stories, and eventually we agreed upon realistic difficulty levels.

For example,

The Buy/Sell feature, it was decided, would prove to be significantly more difficult compared to the others because of the book object implementation and separating new and old books between different shop owners and customers. Hence, it would have a story point of 8.

The Login feature in comparison has a story point of 3, this was decided due to the fact that we all have experience making a login/sign up page previously.

Though we have given each story an estimation in story points, the tasks are delegated unequally (as shown on Jira/Sprint backlog). This is due to the fact that skill level is also taken into account.

