

Sprint #1 Review - MEDS

Sprint: Sprint #1

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Sprint Goals

In this sprint, we planned to implement some of the core functionality of the Bookaroo application. The primary feature was authentication which included logging in, signing up and logging out. The ability to view and search books and their details was also to be implemented. Finally, simple static pages such as About Us and Contact Us were planned to be added.

The road map elements we planned to achieve completion of are found listed below.

Target Features:

- ☐ Account creation
- ☐ Account authentication
- ☐ Show book page
- ☐ Show book details page
- ☐ About/contact pages

Status Overview

User Story ID	User Story	Points Allocated
1	As an admin user I want to be able to log into Bookaroo so I can access admin level functionality	3
2	As a shop owner I want to be able to log into Bookaroo so I can access shop owner level site functionality	3
3	As a customer I want to be able to log into Bookaroo so I can access customer site functionality	3
4	As an admin user I want to be able to log out of Bookaroo so I can ensure no one accesses my account	2
5	As shop owner I want to be able to log out of Bookaroo so I can ensure no one accesses my account	2
6	As a customer I want to be able to log out of Bookaroo so I can ensure no one accesses my account	2

7	As an unregistered user I want to be able to sign up for a customer account so I am able to log into the application as a customer	2
8	As an unregistered shop owner I want to be able to apply for a shop owner account so I can be verified and login as a shop owner	3
15	As a customer I want to be able to search for books by their title so I can easily find books listed on the site	3
16	As a customer I want to be able to search for books by their author so I can find all books written by a specific author	3
17	As a customer I want to be able to search for a book by its ISBN so I can quickly find a book by its unique identifier	3
18	As a customer I want to be able to search for books by a specific category so I can find new titles by genres I know I enjoy	3
26	As a customer I want to be able to view more details of a book I find on Bookaroo such as cover image and synopsis so I can decide if I want to purchase a book	2
29	As a customer I want to be able to view contact details of Bookaroo incase I have issues with the site	1
30	As a shop owner I want to be able to view contact details of Bookaroo in case I want to report issues with the site or a customer	1
31	As a customer I want to be able to view an "About" page that describes the purpose and history of Bookaroo so I can ensure the site offers the service I require	1
32	As a shop owner I want to be able to view an "About" page so I can ensure that Bookaroo offers the service I require	1
38	As a customer I want to be able to share a book listed on Bookaroo so I can show my friends a book I am interested in	1

Uncompleted Work

Due to unexpected complications with implementing the microservice architecture, not all features were able to be fully implemented throughout the sprint. We were unable to complete the implementation of user stories 15-18 relating to searching books for each user type. These will be moved to the next sprint and given highest priority. All other user stories

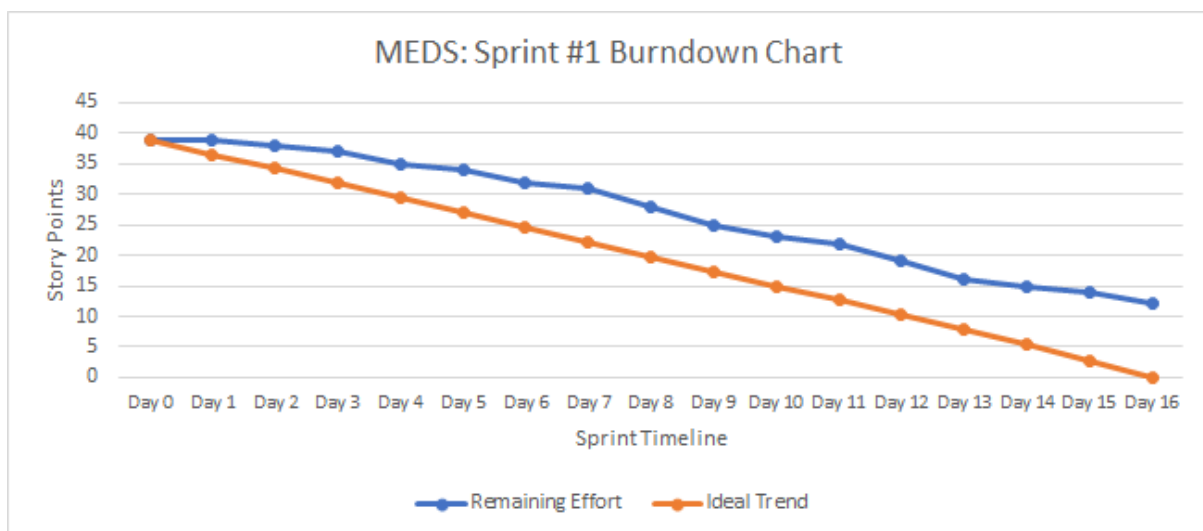
have been fully implemented.

Changed Plans

During the sprint, the team realised that user story 38 could easily be completed as well. Although it was not part of the sprint planning, it was brought into the sprint and was completed.

In addition to this it was decided that the sprint will be extended to use 2 days of the holidays as well. This was to allow members to get a little more done during the sprint.

Sprint Statistics



Presented above is the burndown chart for Sprint #1. Following said format, the orange line represents the ideal effort remaining during the sprint and the blue line represents the actual work remaining. As the implementation for all user stories within the scope of this sprint were not completed, the actual remaining effort ends on 12, representing incomplete work.

As can be seen from the Remaining Effort line, the first week compared to the rest of the sprint has a lower gradient. This indicates progress was slower at the beginning of the sprint. This was due to the difficulties that were encountered regarding microservices. This immediately put the team behind schedule and the team failed to get completely back on track.

Although the actual line ends at 12 story points, it is not an accurate representation of the work remaining. This is because during the sprint, the team made good progress on the 4 user stories left incomplete. Because the 4 incomplete user stories left incomplete were worth a total of 12 story points, it looks like more work was left incomplete than what was actually left incomplete.

Calculations used for the Ideal Trend and Remaining Effort:

Ideal Trend = Total Initial Estimate - (Total Initial Estimate / Days Left in Sprint)*Work Day
 Remaining Effort = Total Initial Estimate - Sum of Efforts made until that Day

