

Sprint #3 Review - MEDS

Sprint: Sprint #3

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Scrum Master: Maxwell Reid (s3787033)

Development team: Ewan Breakey (s3845382), Sefanur Erciyas (s3842307), Thomas Dib (s3838765)

Sprint Goals

This sprint was focused on some more of the general functionality of Bookaroo. More specifically, the general functionality to do with ratings (star ratings) and reviews (text reviews) of both users/merchants and certain books was planned to be implemented. The payment system (via the PayPal API) was also planned to be implemented to allow users to actually purchase specific listings from the site. Furthermore, this functionality extended to keeping track of transactions and allowing users to view their previous orders/transaction history, and admins with the ability to view transaction reports.

Target Features:

- ☐ Review books
- ☐ Rate books (star rating)
- ☐ Review users/merchants
- ☐ Rate users/merchants
- ☐ Order books via PayPal
- ☐ Cancel orders within 2 hours of placing them
- ☐ View order/transaction history
- ☐ Admins view transaction report

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

Status Overview

User Story ID	User Story	Points Allocated
43	As a customer I want to be able to leave a review for a specific shop owner/vendor that I have purchased a book from so I can inform other users of the quality of service	3
44	As a customer I want to be able to leave a review on another customers profile so I can help any other customers that may interact with this profile to be aware of the customers service history	3
19	As a customer I want to be able to leave a review on a specific book that has been posted to Bookaroo so I can help other users know if the book is worthy of purchase	3
40	As a customer I want to be able to leave a rating for a book that is listed on Bookaroo so I can provide feedback that other users can view	3
13	As an admin user I want to be able to view a summary of all transactions on the site sorted by date to verify details of purchases that have been made	3
21	As a customer I want to be able to complete a purchase of a book via PayPal so I can ensure my payment was done securely	3
22	As a customer I want to be able to cancel an order up to 2 hours after I place the order in case so I can change my mind on purchases I make	2
24	As a customer I want to be able to view a history of my transactions so I can keep track of what I have bought	3
25	As a shop owner I want to be able to view the transaction history of my shop so I can track my orders and ensure they are all fulfilled	3

Early Start

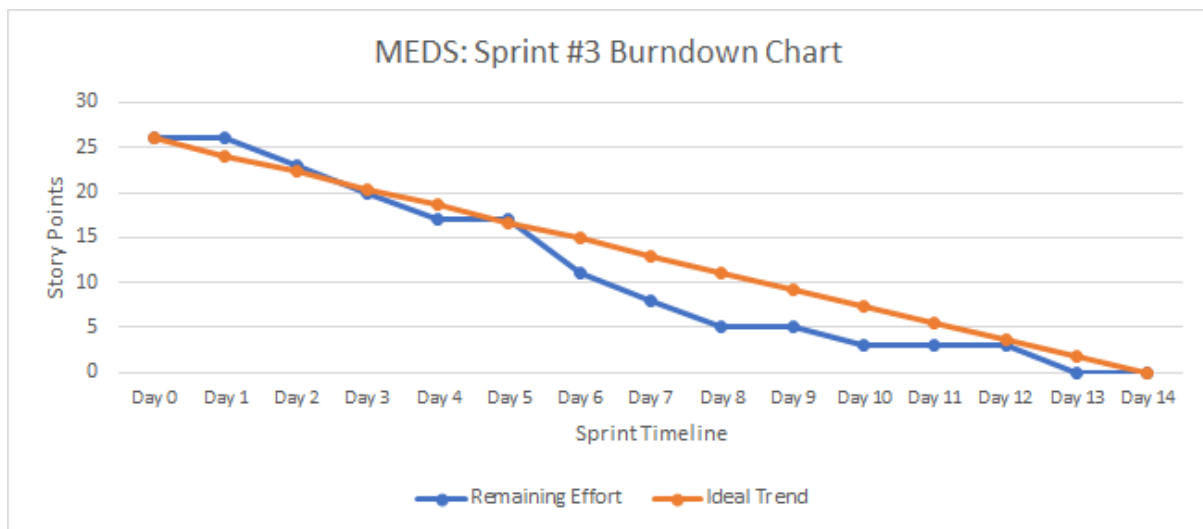
The team was able to begin on the functionality very early during the sprint. This allowed us to get off to a strong start and be able to easily anticipate which tasks would take longer than others. Some features were quickly completed whilst others were more difficult and required slightly more time.



Changed Plans

During the sprint we decided to cancel several user stories due to time constraints. These user stories cut the sprint down considerably and included user stories 28, 45, 46, and 48 (for this sprint), and overall also included 10, 27, 35, 36, and 49. These were user stories that pertained to very specific functionality that was decided to be too minor for the amount of effort required to implement. Remembering that the team members have other courses to focus on, this was important to ensure that a good amount of effort is put into this project, but also towards other courses.

Sprint Statistics



Presented above is the burndown chart for Sprint #3. Following the same format as before, the orange line represents the ideal effort remaining during the sprint and the blue line represents the actual work remaining. Since implementation for all user stories were completed by the end of the sprint, the actual remaining effort ends at zero.

As can be seen from the blue line, the team had a normal start but by the end of day 6, they sped up the pace and were able to finish development slightly ahead of time. The normal start was due to team members needing to do research on the PayPal API. The fast completion of user stories from day 6 and onwards was a result of pair programming.

On day 13, the final user story of the sprint was fully implemented. Although that was when it was completed, most of the work was already done earlier in the sprint along with similar user stories. That one was completed last because of some significant bugs that were found after acceptance testing was done.

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

