**Release and Sprint Plans**

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Release Plan

# Release 1

Delivery date: 17/09/15 Total Story Points: 25

In this release all core features and functionality will be implemented, users will be able to register accounts using their email addresses, list their text books for others to borrow, contact other users about borrowing their listed books, and search for books by their title.

## Personal Account Creation

This feature will allow users to register an account on BookBook. A link located on the main screen will direct new users to a separate page where they can submit their details.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 41 | Create Account | 8 |
|  | Story Point Sub-Total: | 8 |

## Borrowing & Lending

These features will allow users to list their text books for others to borrow, and allow other users to contact them about borrowing their books. New listings can be added after creating an account from a link on the main screen, and contact between two users can be initiated by clicking the mail link on a book listing.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 1 | List Book | 8 |
| 2 | Contact Lender | 1 |
|  | Story Point Sub-Total: | 9 |

## Searching

This feature will implement a basic search algorithm that should allow users to search for books using either complete, or partial titles.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 6 | Title Search | 8 |
|  | Story Point Sub-Total: | 8 |

# Release 2

Delivery date: 22/10/15 Total Story Points: 25

In this release core functionality is improved, by the introduction of email validation, and book condition. Two new features will also be implemented, a watch list, and a dispute centre; the watch list will allow users to ‘watch’ certain text books for future use, and the dispute centre will allow users to dispute book loans. (In the event that a book is damaged, lost, or stolen.)

## Quality Assurance

These features work towards improving the quality of BookBook. By implementing regular expression validation to email addresses, we will be restricting registration to QUT students, and by adding a book condition field to book listings users will be able to see the condition of a book before they borrow it.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 5 | User Integrity | 4 |
| 13 | Book Condition | 2 |
|  | Story Point Sub-Total: | 6 |

## Watch List

This feature will allow users to store specific books from title search results to their watch list, for future use.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 4 | Watch List | 16 |
|  | Story Point Sub-Total: | 16 |

## Dispute Resolution

This feature will implement a dispute resolution centre where users can lodge, and resolve disputes with BookBook staff operating as mediators.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 14 | Dispute Resolution | 1 |
|  | Story Point Sub-Total: | 1 |

# Release 3

Delivery date: 19/11/15 Total Story Points: 26

This release will introduce user profile pages, and the ability to search for specific users by their username, or email address. The search results page will also be improved with customizable pagination allow the user to determine how many results to display at one time.

A recommendations system will also be implemented, suggesting books (available for lending on BookBook) for similar topics to books users have borrowed in the past.

## Improved Search

Short paragraph summarising this feature and its business value.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 28 | Sort text books by assorted number | 2 |
| 25 | Search feature for specific user | 16 |
|  | Story Point Sub-Total: | 18 |

## Book Recommendations

Users will receive notifications of book recommendations based upon their current borrowing habits.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 10 | Book recommendations | 8 |
|  | Story Point Sub-Total: | 8 |

# Release 4

Delivery date: 17/12/15 Total Story Points: 24

This release focuses on expanding both the user base, and the catalogue of BookBook and rewarding active users.

Registration will be opened up to other Universities in Brisbane by increasing the complexity of the regular expression validation. Ebooks will make their way onto BookBook, through the use of an affiliate link with several ebook suppliers on the web BookBook will attempt to “fill the void” when a book users want isn’t available by suggesting ebook alternatives. A loyalty program will also be implemented.

## Expansion

Short paragraph summarising this feature and its business value.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 20 | Expand to other Universities | 4 |
| 29 | Expand database for ebook editions | 4 |
|  | Story Point Sub-Total: | 8 |

## Loyalty Program

Short paragraph summarising this feature and its business value.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 33 | Loyalty System | 16 |
|  | Story Point Sub-Total: | 16 |

# Release 5

Delivery date: 14/1/16 Total Story Points: 24

This release will implement pictures for book listing, and mobile web support.

## Book Pictures

The option to upload a picture of your book will be added to the book listing page.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 11 | Book Pictures | 8 |
|  | Story Point Sub-Total: | 16 |

## Mobile Website

Fully responsive mobile website support.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 12 | Mobile Website | 16 |
|  | Story Point Sub-Total: | 16 |

# Release 6

Delivery date: 11/2/16 Total Story Points: 32

A stand-alone application will be developed in C# or Java.

## Stand Alone Application

A stand-alone application which connects to the BookBook database and provides the same functionality as the web application.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 19 | Stand Alone Application | 32 |
|  | Story Point Sub-Total: | 32 |

# Release 7

Delivery date: 10/3/16 Total Story Points: 64

In this release we aim to add support for other languages which utilise the Roman alphabet to help exchange students. Current estimates may change as the project progresses.

## Additional Language Support

Roman alphabet language support.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 24 | Website in different languages | 64 |
|  | Story Point Sub-Total: | 64 |

# Delivery Schedule

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Week 6 Aug. 27 | Week 7 Sep. 3 | Week 8 Sep. 10 | Week 9 Sep. 17 | Week 10 Sep. 24 | Mid-Semester Break | Week 11 Oct. 8 | Week 12 Oct. 15 | Week 13 Oct. 22 |
| Sprint 1 | | Sprint 2 | | Sprint 3 | Sprint 3 | Sprint 4 | |
| Release 1 Sept. 17 | | | | Release 2 Oct. 22 | | | | |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |
| Sprint 5 | | … | |  | |  | |
| Release 3, 4, … | | | | | | | |

## Estimated Velocity: 25

Sprint Plan

# Sprint 1

Total Story Points: 25 Total Hours: 50

## Current Velocity: Unknown

## Story ID: Create Account

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 01 | Account Creation Form (HTML, PHP) | 2 |  |
| 02 | Account Creation Processing (PHP, MySQL) | 1 |  |
| 03 | Login Form (HTML, PHP) | 1 |  |
| 04 | Login Processing (PHP, MySQL) | 1 |  |
| 05 | Login Sessions (PHP) | 2 |  |
| 06 | Testing (Acceptance Criteria, Check Data Integrity) | 2 |  |
|  | Story Points: 8 Total Hours: | 9 |  |

## Story ID: List Book

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 07 | List Book Form (HTML, PHP) | 2 |  |
| 08 | List Book Processing (PHP, MySQL) | 1 |  |
| 09 | Testing (Acceptance Criteria, Check Data Integrity) | 2 |  |
|  | Story Points: 8 Total Hours: | 5 |  |

## Story ID: Contact Lender

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 10 | Profile Page (HTML, PHP, MySQL) | 3 |  |
| 11 | MailTo Link (HTML, PHP, MySQL) | 1 |  |
| 12 | Testing (Acceptance Criteria) | 1 |  |
|  | Story Points: Total Hours: | 5 |  |

## Story ID: Title Search

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 13 | Search Processing (HTML, PHP, MySQL) | 4 |  |
| 14 | Search Results Page (HTML, PHP, MySQL) | 2 |  |
| 15 | Testing (Acceptance Criteria, Check Data Integrity) | 2 |  |
| 16 | Story Points: Total Hours: | 8 |  |