**Release and Sprint Plans**

**IFB299 070 BookHunters**

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ADD TO GITHUB FOR SUBMISSION

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Release Plan

# Release 1

Delivery date: Sept. 8 Total Story Points: 42   
  
For release 1, the key goals is getting the main functionality up and running. This will involve a signup page and login page giving users access to the site. The process will involve safety measure to ensure the security of the site and its users. It will include a main page which users will use to navigate, search and upload textbooks. Each user will have a page for their personal profile where they will be able to manage their details and their textbook listings. All of the pages will be achieved in html to allow universal access to all devices.

**Sign up**

User is able to sign up to Bookhunters. Prototype will consist of pages that guide user through the sign-up process and a pseudo-email confirmation page. The sign-up page is a foundational stage in development.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S02 | Sign up | 3 |
| S03 | Email Confirmation | 3 |
|  | Story Point Sub-Total: | 6 |

## Sign in

User is able to Login in once they have finished the signup process. This is essential as it lays the foundations for users to communicate through the use of their personal information.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S05 | Password Reset | 2 |
| S01 | Log in | 2 |
| S13 | Log out | 2 |
|  | Story Point Sub-Total: | 6 |

## Main Navigation

User can navigate to main page. User will have access to a search bar, profile button & textbook button. The page is universally accessible through multiple devices (page scales to display size).

|  |  |  |
| --- | --- | --- |
| **Story ID** | **Story Title** | **Story Points** |
| **S23** | Main Page | 2 |
| **S07** | Search Bar | 4 |
| **S24** | Universal Access | 1 |
| **S27** | Remember log in details | 1 |
|  | Story Point Sub-Total: | 8 |

## Personal Profile

User accesses personal profile to maintain and edit relevant information such as textbooks available and contact information so other users can interact with them.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S06 | Personal Profile | 2 |
| S12 | Secure Storage | 3 |
| S14 | Profile Access | 2 |
|  |  |  |
|  | Story Point Sub-Total: | 7 |

## 

## Textbook Functions

User is able to manage textbook listing/uploads and also to more accurately filter active textbook listings. User also gains the ability to hide textbooks and make amendments to the descriptions of already uploaded textbooks.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S04 | Textbook Upload/ listing | 3 |
| S25 | Filter by Books for borrow | 1 |
| S26 | Filter by Books for sale | 1 |
| S29 | Textbook details amendments | 1 |
| S31 | Filter by Textbooks for Swap | 1 |
| S33 | View my Upload/Listings | 2 |
| S16 | Remove Textbook | 1 |
|  |  |  |
|  | Story Point Sub-Total: | 10 |

## Request for exchange

The exchange process is where the user makes the exchange for the desired textbook with the use of a buy/borrow/swap request button. This is found under each textbook upload photo. The alert notification story makes the seller and buyer aware of the response of the other user (via a message event displayed on the website).

|  |  |  |
| --- | --- | --- |
| **Story ID** | **Story Title** | **Story Points** |
| **S34** | Request to exchange | 2 |
| **S37** | Send Confirmation/Notification | 2 |
| **S35** | Alert Notifications | 1 |
|  |  |  |
|  | Story Point Sub-Total: | 5 |

# Release 2

Delivery date: Oct.13 Total Story Points: 15

Release 2 will focus on adding extra functionality that users will find extremely valuable. The will have access to a variety of tools that will allow them to communicate better with each other. They will be able tag books, comment on books and show when their book is available. Alongside this users will be able to review other users and their books adding some security for other users thinking of taking a book. The will also be able to recommend books to assist other users in their studies and their interests.

## Textbook Tools

Provides the user with a variety of tools they can use with textbook listings. With these tools users will be able to set/check book availability allowing them to plan ahead. They will also be able to communicate on listings through the use of comments. To top it off users will be able to tag their listing to assist the search system. This is a core element to the value of the product and is essential for building a customer base.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S22 | Book Availability | 2 |
| S17 | Communication | 3 |
| S10 | Tags(should have) | 1 |
| S32 | Waiting list | 1 |
| S28 | Textbook Photo upload | 1 |
| S30 | Filter by Condition | 1 |
|  | Story Point Sub-Total: | 9 |

## Review & Recommendation

Allows the user to review other users and books. It also allows the user to recommend books to other users on the website. This is a key element to building a good community of users who offer feedback to help the application grow.

|  |  |  |
| --- | --- | --- |
| **Story ID** | **Story Title** | **Story Points** |
| **S08** | Review User | 1 |
| **S20** | Profile View Listing (could have) | 2 |
| **S21** | Recommendation | 2 |
| **S09** | Review Book | 1 |
|  | Story Point Sub-Total: | 6 |

# 

# Release 3

Delivery date: Total Story Points: 22

The main goal of Release 3 is to let users achieve application sweeteners, that help to offer added functionality to make the website extra user friendly.

## Application Sweeteners

These user stories enhance the user's experience by offering user friendly tools such as intelligent news feed of available books, advanced search options to make finding books easier, and promotion option for advertising books separate from standard textbook listings.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S19 | Textbook Promotion | 10 |
| S18 | Intelligent Newsfeed | 10 |
| S15 | Advanced Search | 2 |
|  | Story Point Sub-Total: | 22 |

Delivery Schedule

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Week 5 Aug. 18 | Week 6 Aug. 25 | Week 7 Sep. 1 | Week 8 Sep. 8 | Week 9 Sep. 15 | Week 10 Sep. 22 | Mid-Semester Break | Week 11 Oct. 6 | Week 12 Oct. 13 |
| Sprint 1 | | Sprint 2 | | Sprint 3 | | Sprint 4 | |
| Release 1 Sept. 8 | | | | Release 2 Oct. 13 | | | | |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |  |  |
| Sprint 5 | |  | |  | |  | |
| Release 3 | | | | | | | |

Estimated Velocity:

Sprint Plan

# Sprint 1

Total Story Points: 21 Total Hours: 84

Current Velocity:

## Story 02: Sign up

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Create a sign-up page | 1 |  |
| T02 | Prototyping for the sign-up page | 1 |  |
| T03 | Update Database Tables | 1 |  |
| T04 | Write PHP scripting | 4 |  |
| T05 | Verify story is complete (acceptance) | 1 |  |
|  | Story Points: 2 Total Hours: | 8 |  |

## Story 01: Log in

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T06 | Create a login page | 1 |  |
| T07 | Prototyping for the login page | 1 |  |
| T08 | Update Database Tables | 2 |  |
| T09 | write PHP scripting | 3 |  |
| T10 | Verify story is complete (acceptance) | 1 |  |
|  | Story Points: 2 Total Hours: | 8 |  |

## Story 13: Log out

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T11 | Create a logout page | 1 |  |
| T12 | Prototyping for the logout page | 0.5 |  |
| T13 | Update Database Tables | 0.5 |  |
| T14 | write html | 1 |  |
| T15 | Verify story is complete (acceptance) | 1 |  |
|  | Story Points: 1 Total Hours: | 4 |  |

## Story 23: Main Page

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T16 | Create a main page | 3 |  |
| T17 | Prototyping for the main page | 3 |  |
| T18 | Update Database Tables | 2 |  |
| T19 | Write html & CSS | 10 |  |
| T20 | Verify story is complete (acceptance) | 2 |  |
|  | Story Points: 5 Total Hours: | 20 |  |

## Story 04: Textbook Upload/listing

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T21 | Create a upload/listing page | 1 |  |
| T22 | Prototyping for the upload/listing page | 1 |  |
| T23 | Update Database Tables | 3 |  |
| T24 | Write PHP | 6 |  |
| T25 | Verify story is complete (acceptance) | 1 |  |
|  | Story Points: 3 Total Hours: | 12 |  |

## Story 24: Universal Access

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T26 | Create a flexible access to the web app | 1 |  |
| T27 | Prototyping for the different devices | 1 |  |
| T28 | Write HTML & CSS | 1 |  |
| T29 | Verify story is complete (acceptance) | 1 |  |
|  |  |  |  |
|  | Story Points: 1 Total Hours: | 4 |  |

## Story 26: Filter by Textbook for Sale

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T30 | Create a filter to search textbooks for sale | 1 |  |
| T31 | Prototyping for the filter | 1 |  |
| T32 | Write HTML & CSS & Database | 1 |  |
| T33 | Verify story is complete (acceptance) | 1 |  |
|  |  |  |  |
|  | Story Points: 1 Total Hours: | 4 |  |

## Story 25: Filter by Textbook for borrow

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T34 | Create a filter to search textbooks for borrow | 1 |  |
| T35 | Prototyping for the filter | 1 |  |
| T36 | Write HTML & CSS & Database | 1 |  |
| T37 | Verify story is complete (acceptance) | 1 |  |
|  |  |  |  |
|  | Story Points: 1 Total Hours: | 4 |  |

## Story 16: Remove Textbook

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T38 | Create a remove button | 1 |  |
| T39 | Prototyping for the button(size, colour) | 1 |  |
| T40 | Write HTML & CSS & PHP | 1 |  |
| T41 | Verify story is complete (acceptance) | 1 |  |
|  |  |  |  |
|  | Story Points: 1 Total Hours: | 4 |  |

## Story 36: Hide Textbook

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T42 | Create a hide button | 1 |  |
| T43 | Prototyping for the button(size, colour) | 1 |  |
| T44 | Write HTML & CSS & PHP | 1 |  |
| T45 | Verify story is complete (acceptance) | 1 |  |
|  |  |  |  |
|  | Story Points: 1 Total Hours: | 4 |  |

## Story 33: View my upload/listing

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T46 | Create a review page | 2 |  |
| T47 | Prototyping for the review page | 1 |  |
| T48 | Write HTML & CSS & PHP | 4 |  |
| T49 | Verify story is complete (acceptance) | 1 |  |
|  |  |  |  |
|  | Story Points: 2 Total Hours: | 8 |  |

## Story 29: Textbook details amendments

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T50 | Create a update button next to textbook upload | 1 |  |
| T51 | Prototyping for the update function | 1 |  |
| T52 | Write HTML & CSS & PHP & MySQL | 1 |  |
| T53 | Verify story is complete (acceptance) | 1 |  |
|  |  |  |  |
|  | Story Points: 1 Total Hours: | 4 |  |