**Release and Sprint Plans**

**Team 44**

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# Release Plan

## Release 1

Delivery date: 22/9/2015 Total Story Points: 41

For the release 1, our team would focus on the general web features and setup the user interface. The goal of release 1 would give user a basic function to hire the textbook on web page.

### Main Features

**T**he user interface part would demonstrate the function like search by textbooks’ title,author,ISBN and faculty. This searching and sorting function would reduce the time for user to hire their target book.We also try to make a clear and ease of use interface for new users enjoy to use our web.

|  |  |  |
| --- | --- | --- |
| **Story ID** | **Story Title** | **Story Points** |
| S2 | Free service | 2 |
| S3 | Share Textbooks | 2 |
| S14 | Hire Textbooks | 2 |
| S19 | Timeframe | 5 |
| S57 | Website Layout | 2 |
| S47 | Textbook Information | 2 |
|  | Story Point Sub-Total: | 17 |

### Searching the textbooks

Searching for textbooks will allow borrowers to quickly find the textbooks they are after. Users will be able to search by textbook name, author, ISBN and faculty category.

|  |  |  |
| --- | --- | --- |
| **Story ID** | **Story Title** | **Story Points** |
| **S5** | Search by name | 2 |
| **S6** | Search by author | 2 |
| **S7** | Search by ISBN | 2 |
| **S8** | Search by faculty | 2 |
| **S9** | Search by similar books | 2 |
|  | Story Point Sub-Total: | 10 |

### Users profile

The user profile is created to give more information for sharer and user to know each other. Some users may be have bad rating can help book owner to make a decision if borrow to this specific person.

|  |  |  |
| --- | --- | --- |
| **Story ID** | **Story Title** | **Story Points** |
| S27 | Submit Sharer Rating | 5 |
| S29 | View Sharer Rating | 5 |
| S30 | View Sharer Feedback | 2 |
| S40 | Submit Sharer Feedback | 2 |
|  | Story Point Sub-Total: | 14 |

## Release 2

Delivery date: 10/27/2015 Total Story Points: 27

The release 2 would give new user a chance to sign in the web. We also have some parts of work on security that would give more privacy for user to use our web.

### User Guideline

The user guideline would give a general rule for new users to use our web and also facilitate all the users can follow the rule. The other function is give user some space to ask some questions that is related to the web.

|  |  |  |
| --- | --- | --- |
| **Story ID** | **Story Title** | **Story Points** |
| S41 | Terms and Conditions | 2 |
| S42 | Help page/FAQ | 2 |
|  | Story Point Sub-Total: | 4 |

### Security

The security part would solve the basic issue on the web such as other people steal other people’s account so we would give a notification for user combine the strength password for their account in order to secure their account.

|  |  |  |
| --- | --- | --- |
| **Story ID** | **Story Title** | **Story Points** |
| S51 | Password Strength | 2 |
| S52 | Website Security | 1 |
| S53 | Password Security | 2 |
| S54 | Client / Server Side Validation | 5 |
|  | Story Point Sub-Total: | 10 |

### User Accounts

This will involve allowing users to register for accounts and allowing them to login to the website. Users at this stage are restricted to QUT students only therefore registration will enforce users to use their QUT email addresses.

|  |  |  |
| --- | --- | --- |
| **Story ID** | **Story Title** | **Story Points** |
| 1 | Clientele | 2 |
| 23 | Registration | 2 |
| 63 | Login | 2 |
|  | Story Point Sub-Total: | 6 |

### Result Sorting

This feature will allow users to sort the result in ascending order or descending order by the book name, author, ISBN or faculty.

|  |  |  |
| --- | --- | --- |
| **Story ID** | **Story Title** | **Story Points** |
| **S10** | Sort by name | 2 |
| **S11** | Sort by author | 2 |
| **S12** | Sort by ISBN | 2 |
| **S13** | Sort by faculty | 2 |
|  | Story Point Sub-Total: | 8 |

## Release 3

Delivery date: Negotiable Total Story Points: **238**

Enhancements to the application and website which build on existing functionality.

### Social Media Integration

Short paragraph summarising this feature and its business value.

|  |  |  |
| --- | --- | --- |
| **Story ID** | **Story Title** | **Story Points** |
| S20 | Login with Facebook | 2 |
| **S21** | Google+ Login | 2 |
| **S22** | Social Login Permissions | 2 |
|  | Story Point Sub-Total: | 6 |

### User Profile

The user profile would accord user to borrow the textbook on the web. For every time, user borrow the book and return before the due they would achieve the point. For the best user follow the rule would give higher point in their profile.

|  |  |  |
| --- | --- | --- |
| **Story ID** | **Story Title** | **Story Points** |
| **S31** | Recommended Books | 5 |
| **S32** | Sharing History | 8 |
| **S33** | Hiring History | 8 |
| **S45** | Hiring Gamification | 13 |
| **S46** | Sharing Gamification | 13 |
|  | Story Point Sub-Total: | 55 |

### GPS Location

The GPS location can help user to find the textbook around them and they would arrange their time to get their textbook. If some textbook is too far away for them.then user may be find the other way to look at the book.

|  |  |  |
| --- | --- | --- |
| **Story ID** | **Story Title** | **Story Points** |
| **S24** | Textbooks Around Me | 34 |
| **S34** | Share Location | 34 |
| **S38** | Track Textbook | 8 |
| **S50** | Location settings | 34 |
|  | Story Point Sub-Total: | 165 |

### Accessibility

This feature would ease of use for user, when they use mobile or other electronic devices to look at our web.

|  |  |  |
| --- | --- | --- |
| **Story ID** | **Story Title** | **Story Points** |
| S48 | Network | 2 |
| S37 | Website Translation | 5 |
| S49 | Devices | 5 |
|  | Story Point Sub-Total: | 12 |

## Release 4

Delivery date: Negotiable Total Story Points: 109

Enhancements to the application and website which build on existing functionality.

### Written Reviews & Feedback

Review and feedback can help future students to hire the necessary textbook. In some situations, textbook is not compulsory for user to borrow. The feedback

|  |  |  |
| --- | --- | --- |
| **Story ID** | **Story Title** | **Story Points** |
| S26 | Textbook Reviews | 5 |
| S28 | Submit Sharer Feedback | 5 |
| **S43** | **Textbook Feedback** | **5** |
| S18 | Report Chat User | 5 |
| S44 | Client Feedback Form | 5 |
|  | Story Point Sub-Total: | 25 |

### Notification System

Website will sent notification message to users profiles and email;in case of situations such: new chat message, the text is due ,and if a book they are waiting became available.

|  |  |  |
| --- | --- | --- |
| **Story ID** | **Story Title** | **Story Points** |
| **S17** | Chat notification | 7 |
| **S55** | Textbook is due | 7 |
| **S56** | Available book | 7 |
|  | Story Point Sub-Total: | 21 |

### Forum and chat board

Short paragraph summarising this feature and its business value.

|  |  |  |
| --- | --- | --- |
| **Story ID** | **Story Title** | **Story Points** |
| **S15** | General chat | 21 |
| **S25** | Advertise Textbook | 8 |
| **S16** | Targeted user chat | 34 |
|  | Story Point Sub-Total: | 63 |

### 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 | | | | |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Week 14  oct.28 | Week 15  Nov.3 | Week 16  Nov. 10 | Week 17  Nov.17 | Week 18  Nov.24 | Week 19  Dec.8 | Week 20  Dec. 15 | Week 21  Dec.22 |
| Sprint 5 | | Sprint 2 | | Sprint 7 | | Sprint 8 | |
| Release 3  Nov. 17 | | | | Release 3  Dec. 22 | | | |

Estimated Velocity: 20

# Sprint Plan

## Sprint 1

Total Story Points: 18

Hours: 50

Current Velocity: undefined

### S3: Share Textbooks

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T001** | Create a database with columns such: Book name,ISBN, Author, and faculty. | 3 |  |
| **T002** | Create a form to add the textbooks. | 1 |  |
| **T003** | Write test cases. | 2 |  |
| **T004** | Verify story is complete (acceptance test) | 1 |  |
|  | **Story Points Total Hours** | **2**  **7** |  |

### S57: Website Layout

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T014** | Code the basic pages using html. | 3 |  |
| **T015** | Create a navigation system between pages. | 2 |  |
| **T016** | Write test cases | 1 |  |
| **T017** | Create professional UI using CSS. | 3 |  |
| **T018** | Verify story is complete with acceptance test | 1 |  |
|  | **Story Points Total Hours** | **2**  **10** |  |

### S5: Search by name

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T019** | Create a search box and search button | 2 |  |
| **T020** | Query the database and return a list of available books based on the name of the textbook | 5 |  |
| **T021** | Verify story is complete with acceptance test | 1 |  |
|  | **Story Points Total Hours** | **2**  **8** |  |

### S6: Search by Author

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T022** | Write tests | 2 |  |
| **T023** | Query the database and return a list of available books based on the author of the textbook | 2 |  |
| **T024** | Verify story is complete with acceptance test | 1 |  |
|  | **Story Points Total Hours** | **2**  **5** |  |

### S7: Search by ISBN

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T025** | Write tests | 2 |  |
| **T026** | Query the database and return a list of available books based on the ISBN of the textbook | 2 |  |
| **T027** | Verify story is complete with acceptance test | 1 |  |
|  | **Story Points Total Hours** | **2**  **5** |  |

### S8: Search by Faculty Category

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T028** | Create drop down menu with list of faculties. | 1 |  |
| **T029** | Write tests. | 2 |  |
| **T030** | Query the database and return a list of available books based on the author of the textbook. | 2 |  |
| **T031** | Verify story is complete with acceptance test. | 1 |  |
|  | **Story Points Total Hours** | **2**  **6** |  |

### S30: View sharer feedback

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T038** | Jquery feedback system will be implemented in users profile. | 1 |  |
| **T039** | Verify story is complete with acceptance test | 1 |  |
|  | **Story Points Total Hours** | **2**  **2** |  |

### S41: Terms and conditions

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T040** | Create a page for site Terms and conditions. | 2 |  |
| **T041** | Points are discussed with clients before submitting them to the page. | 1 |  |
| **T042** | Verify story is complete with acceptance test | 1 |  |
|  | **Story Points Total Hours** | **2**  **4** |  |

### S42: Help page/FAQ

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T043** | Create a page for frequent asked questions. | 2 |  |
| **T044** | Verify story is complete with acceptance test | 1 |  |
|  | **Story Points Total Hours** | **2**  **3** |  |

**Sprint 2**

Total Story Points: 14

Hours: 52

### S14: Hire Textbooks

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T005 | Create a “User Profile” page with list of textbooks available for hire and a “Hire” button. | 5 |  |
| T006 | Write test cases | 2 |  |
| T007 | Write code to insert selected textbook into hirer’s list of textbooks renting | 4 |  |
| T008 | Verify story is complete with acceptance test | 1 |  |
|  | Story Points Total Hours | 2  12 |  |

### S19: Timeframe

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T009 | Create a “share time” that must be filled for hardcover books in the adding form. | 1 |  |
| T010 | Save the timeframe to the books database. | 1 |  |
| T011 | Send notification when time is due | 4 |  |
| T012 | When books are returned the book page show that it is “available” | 2 |  |
| T013 | Verify story is complete with acceptance test | 1 |  |
|  | Story Points Total Hours | 5  9 |  |

### S27: Submit sharer ratings

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T032 | Create a numeric rating system for registered users. | 2 |  |
| T033 | Register the information into users database. | 4 |  |
| T034 | Verify story is complete with acceptance test | 1 |  |
|  | Story Points Total Hours | 5  7 |  |

### S29: View ratings

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T035 | Retrieve rating information from users database. | 3 |  |
| T036 | View the rating in users profile. | 2 |  |
| T037 | Verify story is complete with acceptance test | 1 |  |
|  | Story Points Total Hours | 5  6 |  |

### S30 : View sharer feedback

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T038 | Jquery feedback system will be implemented. | 1 |  |
| T039 | Verify story is complete with acceptance test | 1 |  |
|  | Story Points Total Hours | 2  2 |  |

**Sprint 3**

Total Story Points: 14

Hours: 52

### S51: Password Strength

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Done** |
| **T045** | Test Password has at least 6 characters. | 1 |  |
| **T046** | Test Password contain an uppercase letter, symbol and number | 1 |  |
| **T047** | Categories the inserted password to : Strong, medium and weak. | 1 |  |
| **T048** | Create a span message to show the password strength. | 1 |  |
| **T049** | Write test scripts. | 1 |  |
| **T050** | Verify story is complete with acceptance test | 1 |  |
|  | **Story Points Total Hours** | **2**  **6** | |

### S52: Website Security

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Done** |
| **T051** | Implement Laravel built-in security features | 1 |  |
| **T052** | Verify story complete with acceptance tests | 1 |  |
|  | **Story Points Total Hours** | **1**  **3** | |

### S53: Password Security

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Done** |
| **T053** | Build salt value generator function | 2 |  |
| **T054** | Build Hashtagging function | 2 |  |
| **T055** | Verify story is complete with acceptance tests | 2 |  |
|  | **Story Points Total Hours** | **2**  **6** | |

### S1: Clientele

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Done** |
| **T056** | Filter email input to except only “ @connect.qut.edu.au” | 1.5 |  |
| **T057** | Write tests. | 1.5 |  |
| **T058** | Show an alert box if none qut email is entered. | 1.5 |  |
| **T059** | Verify story is complete with acceptance test. | 1.5 |  |
|  | **Story Points Total Hours** | **2**  **6** | |

### S63: Login

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Done** |
| **T060** | Create Login form, with the option to go to registration page. | 2 |  |
| **T061** | Connect and retrieve information from the database. | 1 |  |
| **T062** | Receive an error message stating incorrect username or password upon unsuccessful login | 1 |  |
| **T063** | Write tests. | 2 |  |
| **T064** | Redirect users to the home page upon successful login. | 1 |  |
| **T065** | Verify story is complete with acceptance test. | 2 |  |
|  | **Story Points Total Hours** | **3**  **9** | |

### S23: Registration

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Done** |
| **T066** | Create registration form. | 1.5 |  |
| **T067** | Write test cases to insure that name, email and terms agreement are entered. | 1.5 |  |
| **T068** | Redirect users to the profile upon successful registration. | 1.5 |  |
| **T069** | Verify story is complete with acceptance test. | 1.5 |  |
|  | **Story Points Total Hours** | **2**  **6** | |

### S49: Devices ( Release 4 )

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Done** |
| **T73** | Create suitable metadata codes. | 1 |  |
| **T74** | Add Css to allow devices view | 1 |  |
| **T75** | Write tests. | 2 |  |
| **T76** | Verify story is complete with acceptance test. | 2 |  |
|  | **Story Points Total Hours** | **2**  **6** | |

## Sprint 4

Total Story Points: 13

Hours: 39

Current Velocity: undefined

### S54: Client/Server side validation

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Done** |
| **T77** | Validate all input data. | 4 |  |
| **T78** | Show appropriate error message. | 1 |  |
| **T79** | Write test cases. | 2 |  |
| **T80** | Validate login details with server. | 4 |  |
| **T81** | When the input is incorrect users are return to pre fill form. | 1 |  |
| **T82** | Write test cases. | 1 |  |
| **T83** | Verify story is complete with acceptance test. | 2 |  |
|  | **Story Points Total Hours** | **5**  **15** | |

### S10: Sort by book name

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Done** |
| **T84** | Write codes to sort by name. | 2 |  |
| **T85** | Retrieve result from the database by name order. | 2 |  |
| **T86** | Write tests. | 1 |  |
| **T87** | Verify story is complete with acceptance test. | 1 |  |
|  | **Story Points Total Hours** | **2**  **6** | |

### S11: Sort by author

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Done** |
| **T88** | Write codes to sort by Author. | 2 |  |
| **T89** | Retrieve result from the database by Author order. | 2 |  |
| **T90** | Write tests. | 1 |  |
| **T91** | Verify story is complete with acceptance test. | 1 |  |
|  | **Story Points Total Hours** | **2**  **6** | |

### S12: Sort by ISBN

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Done** |
| **T92** | Write codes to sort by ISBN. | 2 |  |
| **T93** | Retrieve result from the database by ISBN order. | 2 |  |
| **T94** | Write tests. | 1 |  |
| **T95** | Verify story is complete with acceptance test. | 1 |  |
|  | **Story Points Total Hours** | **2**  **6** | |

### S13: Sort by Faculty

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Done** |
| **T96** | Write codes to sort by faculty. | 2 |  |
| **T97** | Retrieve result from the database by faculty order. | 2 |  |
| **T98** | Write tests. | 1 |  |
| **T99** | Verify story is complete with acceptance test. | 1 |  |
|  | **Story Points Total Hours** | **2**  **6** | |

**S32. Sharing history**

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T100** | Record the user sharing activities of the textbooks to database. | 2 |  |
| **T101** | Retrieve information and present at user profile. | 2 |  |
| **T102** | Using HTML and Javascript | 3 |  |
| **T103** | Verify story is complete with acceptance test | 1 |  |
|  | **Story Points** **Total Hours** | **2**  8 |  |

**S55. Textbook is due**

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T104** | create a system notification before the due date | 2 |  |
| **T105** | send a reminder email to users to return the book. | 2 |  |
| **T106** | Verify story is complete with acceptance test | 1 |  |
|  | **Story Points** **Total Hours** | **2**  5 |  |