**Release and Sprint Plans**

**Team Number**

|  |  |
| --- | --- |
| **Student Number** | **Team Member Name** |
| n9450106 | Cameron Short |
| n8727589 | Abdulrahman Alhaqbani |
| n8576904 | Matthew Holdsworth |
| N9667261 | Josh Arrowsmith |
| N9617337 | Shawn (Shuang Xu) |

**Tutor:** Jesse St.germain

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Release Plan

# Release 1

Delivery date: Total Story Points: 49

For the first release the aim is to implement the front end GUI and basic functionality of the website. To achieve this all broad critical features have been added here so that later less important features can be added without needing to return to these features.

## GUI Front End

The basic front end of the website. Within these features the layout, general presentation and some core functions of the site will be implemented. This is the base for many of the coming features.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 1 | Main Display Page | 8 |
| 2 | Images and Image Carousel | 8 |
| 3 | Create Account/Login Page | 10 |
| 4 | Create Account Form | 6 |
|  | Story Point Sub-Total: | 32 |

## Back-end Functionality

Add the core functionality of the property Page as well as the property comparison feature and basic booking feature. These will be used by later stories.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 6 | Contact Us Page | 5 |
| 7 | Search Bar/Pan | 10 |
| 15 | Social Media Links | 2 |
|  | Story Point Sub-Total: | 17 |

# Release 2

Delivery date: Total Story Points: 95

For the second release, the aim is to add non-critical features to the project that could add a lot of value for users of the website.

## Extras

Further back end functionality is implemented making the project extensible with more specific features generating value for users.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 5 | View/Edit Account Information | 8 |
| 10 | Make a Booking | 3 |
| 12 | Booking Modifications | 10 |
| 8 | View Property Information | 8 |
| 9 | Property Comparison | 10 |
| 13 | Property View Counter | 7 |
|  | Story Point Sub-Total: | 46 |

## Security and Testing

For the last phase of the project we will be implementing security features and testing for errors.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| 14 | Star Rating System | 10 |
| 16 | Encryption of Information | 10 |
| 17 | Secure Password Reset | 10 |
| 18 | Negative Review Notifications | 7 |
| 11 | Terms and Conditions | 4 |
|  | Story Point Sub-Total: | 41 |

**Sprint Plan Burn-Down Chart**

# Delivery Schedule

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | Week 13 | |
| Sprint 1 | | Sprint 2 | | Sprint 3 | | Sprint 4 | | |
| Release 1 | | | | Release 2 | | | |

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Week 14 |  | Week 15 |  |  |  |  |  |
| Sprint 5 | | … | |  | |  | |
| Release 3, 4, … | | | | | | | |

## Estimated Velocity:

Sprint Plan

# Sprint 1

Total Story Points: 32 Total Hours: 32

## Current Velocity: 20

## Story ID: 1 Main Display Page

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 1 | Create project and main display page GUI design | 1 | 1 |
| 2 | Add and link other pages with navigation bar and buttons | 1.5 | 2.5 |
| 3 | Add image mounts and information text fields | 1.5 | 2.5 |
| 4 | Add more information button | 2 | 2 |
|  | Story Points: 6 Total Hours: | 8 | 10 |

## Story ID: 2 Images

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 1 | Add temporary photos to code to make images display correctly | 2 | 2 |
| 2 | Add code to open an image preview on click | 1 | 1 |
| 3 | Add navigation buttons on preview | 1 | 1 |
| 4 | Add fluid motion feature after researching its complexity | 2 | 2 |
|  | Story Points: 6 Total Hours: | 8 | 8 |

## Story ID: 3 Create Account/Login Page

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 1 | Add buttons and textfields forming the GUI of the page | 1 | 1 |
| 2 | Create the different forms to display after create account button is clicked and fields to store the users input information | 2 | 2 |
| 3 | Add code to continue to main page with appropriate privileges once login button has been pressed and email and password match | 3 | 3 |
| 4 | Test the privileges on each type of account | 2 | 2 |
|  | Story Points: 20 Total Hours: | 8 | 8 |

**Story ID: 4 Create Account Form**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 1 | Add area to input first name, last name, phone number, e-mail, living address, password for more user details. | 1 | 1 |
| 2 | Add a database to record information | 3 | 3 |
| 3 | Encrypt and log the information | 1 | 1 |
| 4 | Add feature to confirm password | 1 | 1 |
|  | Story Points: Total Hours: | 6 | 6 |

# Sprint 2

Total Story Points: 17 Total Hours: 17

## Current Velocity: 14

**Story ID: 6 Contact Us Page**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 1 | Add area to display ‘Contact Us’ tab on navigation bar | 1 | 1 |
| 2 | Add feature to be used for send e-mail | 1 | 1 |
| 3 | Implement the contact information update accurately | 1 | 1 |
| 4 | Add SQL database information to appear in contact page | 2 | 2 |
|  | Story Points: Total Hours: | 4 | 4 |

**Story ID: 7 Search Bar/Panel**

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 1 | Add area to display searching bar | 1 | 1 |
| 2 | Add ability to search by various criterion | 4 | 4 |
| 3 | Add the ability to remember keywords | 2 | 2 |
| 4 | Implement the search features can range min and mix | 3 | 3 |
|  | Story Points: Total Hours: | 10 | 10 |

## Story ID: 15 Social Media Links

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 1 | build place holder on website | 0.2 | 0.2 |
| 2 | Build or use API to talk to website | 0.3 | 0.3 |
| 3 | Put API in html framework | 0.3 | 0.3 |
| 4 | Login into said accounts | 0.2 | 0.2 |
|  | Story Points: Total Hours: | 1 | 1 |

## Story ID: 16 Encryption of Information

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 1 | Decide which information needs to be encrypted | 2 | 0.2 |
| 2 | Fine good encryption library | 2 | 0.3 |
| 3 | Use encryption library on said information what needs it | 3 | 0.3 |
| 4 | Test if encryption is working | 3 | 1.2 |
|  | Story Points: Total Hours: | 10 | 2 |

# Sprint 3

Total Story Points: 46 Total Hours: 46

## Current Velocity: 15

## Story ID: 8 Make a Booking

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 1 | Add basic booking feature. | 2 |  |
| 2 | Implement SLQ to handle booking information. | 2 |  |
| 3 | Add warning if booking is invalid. | 1 |  |
| 4 | Add live list of available times. | 3 |  |
|  | Story Points: Total Hours: | 8 |  |

## Story ID: 5 View/Edit Account Information

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 1 | Add area to display personal information on staff page | 1 |  |
| 2 | Add feature to generate property listing when creating a new form to fill out | 2 |  |
| 3 | Add feature to encrypt property listings | 2 |  |
| 4 | Add the ability for servers to be updated | 3 |  |
|  | Story Points: Total Hours: | 8 |  |

## Story ID: 9 Property Comparison

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 1 | Add area to display the property comparison implement on the property page. | 1 |  |
| 2 | Add the UI for users to input the features being compared. | 3 |  |
| 3 | Implement the comparison algorithm and output. | 4 |  |
| 4 | Add the ability for previous searches to be saved. | 2 |  |
|  | Story Points: Total Hours: | 10 |  |

## Story ID: 10 Make a Booking

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 1 | Add basic booking feature. | 1 |  |
| 2 | Implement SLQ to handle booking information. | 1 |  |
| 3 | Add warning if booking is invalid. | 1 |  |
| 4 | Add live list of available times. | 3 |  |
|  | Story Points: Total Hours: | 3 |  |

## 

## Story ID: 11 Terms and Conditions

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 1 | Write Terms and Conditions. | 1 |  |
| 2 | Create popup frame and add text to frame. | 1 |  |
| 3 | Add button to accept term which is only visible after scrolling to the end of the Terms and Conditions. | 1 |  |
|  | Story Points: Total Hours: | 3 |  |

## Story ID: 12 Booking Modifications

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 1 | Add button which allows the user to modify an existing booking with the already implemented booking feature (from story 11). | 4 |  |
| 2 | Add button to cancel a booking. | 1 |  |
| 3 | Add confirmation popup box when attempting to save an updated booking. | 3 |  |
|  | Story Points: Total Hours: | 10 |  |

## Story ID: 13 Property View Counter

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 1 | Add view counters on the property pages. | 4 |  |
| 2 | Make the view counters only visible to staff members and the property’s owners. | 1 |  |
| 3 | Make the view counters not increment when visited by staff members and the property’s owners. | 1 |  |
|  | Story Points: Total Hours: | 7 |  |

# Sprint 4

Total Story Points: 41 Total Hours: 41

## Current Velocity: 12

## Story ID: 14 Star Rating System

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 1 | Added frame for star rating system. | 1 |  |
| 2 | Add implementation to allow users to rate using stars. | 5 |  |
| 3 | Make star totals appear as average of all user ratings. | 2 |  |
| 4 | Limit ratings to only previous tenants of the property. | 2 |  |
|  | Story Points: Total Hours: | 10 |  |

## Story ID: 17 Secure Password Reset

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 1 | Make button and form | 2 |  |
| 2 | Make function to Get Password from SQL Server | 7 |  |
| 3 | Delete Password from SQL Server and prompt for new password | 3 |  |
| 4 | Use JavaScript Library to send email | 3 |  |
|  | Story Points: Total Hours: | 15 |  |

## Story ID: 18 Negative Review Notifications

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| 1 | find star result | 1 |  |
| 2 | Find user that need to be contacted | 2 |  |
| 3 | Use JavaScript Library to send email to user | 4 |  |
|  | Story Points: Total Hours: | 7 |  |