**Release and Sprint Plans**

**Team Number**

|  |  |
| --- | --- |
| Student Number | Team Member Name |
| 9395130 | Phyllis Yaw |
| 9652752 | Hudson Kennan |
| 8625573 | Jessica Cockett |
| 9480412 | Connor Nicholls |

Tutor: Prakash Bhandari

Version: 2.0

Date: 3/05/2017

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# Release Plan

### **Release 1**

Delivery date: 31/05/2017 Total Story Points: 20

To provide back end controls for employees and administrators so changes can be made quickly to the website when needed and to create a platform for users to view property listings. In conjunction with the basic setup, a database is created to include employee, client and property details that can be easily accessed by staff when required.

### **Property Management and Editor**

Dictates administrative control over the information that can be accessed and edited by employees. Specifically allowing David to have overall administrative control over all the resources of the website. These features allow management over inspection times, listing information and allowing David to have control over what is displayed.

|  |  |  |
| --- | --- | --- |
| **Story ID** | **Story Title** | **Story Points** |
| **3** | Property Management | 1 |
| **4** | Inspection/Scheduling Management | 2 |
| **7** | Administrative Control | 1 |
| **18** | Property Display Page | 4 |
|  | Story Point Sub-Total: | 8 |

### **Identification Storage/Tracking**

The features listed allow for David and employees to access customer information such as contact details and other necessary information. Employees can update their personal information when needed to ensure all contact details are correct if they are contacted. The final feature allows for the collection of customer details for David’s records.

|  |  |  |
| --- | --- | --- |
| **Story ID** | **Story Title** | **Story Points** |
| **5** | Personal Account Editor | 1 |
| **10** | Customer Registration | 1 |
|  | Story Point Sub-Total: | 2 |

**Searching**

This allows for easy and accurate search results for property information which can be filtered by suburb, number of rooms, style of home etc. Also provides access that allows employees and David to search up other customers that have registered with the website.

|  |  |  |
| --- | --- | --- |
| **Story ID** | **Story Title** | **Story Points** |
| **20** | Property Information | 1 |
| **12** | Property Search | 4 |
| **2** | Customer ID | 1 |
|  | Story Point Sub-Total: | 6 |

### **Contacts and Communication**

Features listed allow the employees to list their contact information for any property that they are managing and it allows potential clients to have direct communication with them through an online enquiries system. The benefits of these features would allow fast and easy enquiries and bookings for any property they may be interested in, while also storing any information about the client for any future enquiries.

|  |  |  |
| --- | --- | --- |
| **Story ID** | **Story Title** | **Story Points** |
| **16** | Customer Enquiries | 1 |
| **8** | Contact Information Page | 1 |
| **11** | Property Inspection Booking | 2 |
|  | Story Point Sub-Total: | 4 |

## Release 2

Delivery date: TBD Total Story Points: 12

The second release will focus more on refining the Database and core must-have features with as well as adding features that complement what has already been established. This includes expanding on property listing pages with inspection booking options, contact information direct to the managing staff team and other customer enquiries. With other potential features such as an application approval process and quick property update settings.

### **Contacts and Communication**

Features listed allow the employees to list their contact information for any property that they are managing and it allows potential clients to have direct communication with them through an online enquiries system. The benefits of these features would allow fast and easy enquiries and bookings for any property they may be interested in, while also storying any information about the client for any future enquiries.

|  |  |  |
| --- | --- | --- |
| **Story ID** | **Story Title** | **Story Points** |
| **13** | Contact database | 2 |
|  | Story Point Sub-Total: | 2 |

### **Property Updates and Form Submissions**

The features listed allow for potential tenants or current tenants to easily and quickly submit forms for property rental or change requests forms through the online enquiries page. Forms would then go through an approval/rejection process that would be accessed by an employee. Then if any changes need to be made to the property listing (as an example; hiding a property if it has been or is being rented out) it can all be done seamlessly. The value of this process would allow for an easy way to handle forms directly from a client without the need for printed media - allowing for a paperless work flow.

|  |  |  |
| --- | --- | --- |
| **Story ID** | **Story Title** | **Story Points** |
| **6** | Property Update Settings | 1 |
| **9** | Property Rental Application Form | 4 |
| **15** | Application Approval/Rejection Process | 1 |
| **19** | Tenant Changes Request Form | 4 |
|  | Story Point Sub-Total: | 10 |

## Release 3

Delivery date: TBD Total Story Points: 10

This release focusses on producing a website that flows and improves usability. Behind the website, a streamlined application process is introduced. The website would receive an updated environment in which it is efficient, mobile friendly, and can possibly retain sales by providing the user with other property listings that are similar to what they’ve searched previously.

### **Automation and Reporting system**

Story 14 and Story 21 are different concepts but the idea still remains within the scope of the project. The premise is during the approval process for property rentals and other enquiries, an automated system will look through the options ticked by a client and then automatically issue them a continue or rejection. When continued they are looked at by staff but if the system picks up on certain key options it will automatically reject the request. If any of rejected forms or other customers’ enquiries need to be approved they then go through the escalated issue system. This allows David to have a streamlined process for any applications.

|  |  |  |
| --- | --- | --- |
| **Story ID** | **Story Title** | **Story Points** |
| **14** | Escalate Issue System | 1 |
| **21** | Automated Approval Process | 4 |
|  | Story Point Sub-Total: | 5 |

### **User Experience**

The remaining user stories are mostly focused on improving the overall user experience of the device. (e.g. of users: David, Tenants, Clients and Staff). Features like suggestive search will help out any potential renters looking for a property by suggesting similar results to what they have looked at. With the Web Scale the user experience then extends to the employees of the site. By making the site scale with mobile devices such as phones and tablets, the employees have more options of where and when they can do work making them more mobile.

|  |  |  |
| --- | --- | --- |
| **Story ID** | **Story Title** | **Story Points** |
| **17** | Suggestive Search | 4 |
| **22** | UI Web Scale | 1 |
|  | Story Point Sub-Total: | 5 |

# Delivery Schedule

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Week 6 | Week 7 | Week 8 | Week 9 | Week 10 | Week 11 | Week 12 | Week 13 | Week 14 + |
| Sprint 1 | | | | Sprint 2 | | | | Sprint 3 |
| Release 1 | | | | | | | | Release 2 & 3 |

**Estimated Velocity:** 26

## Sprint Plan

# Sprint 1

Total Story Points: 10 Total Hours: 76

**Current velocity: 26**

(Note: Tasks in Green were completed in the first sprint, tasks in yellow are currently in progress and tasks in red are yet to commence development. Both Yellow and Red tasks will be moved over to our second sprint, for further reasoning why this happened an explanation can be found in sprint two.)

**Story 20: Property Information**

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T01** | Create property database | 4 |  |
| **T02** | Populate database property information | 3 |  |
| **T03** | Confirm story is complete (acceptance test) | 1 |  |
|  | Story Points: 1 | Total Hours: 8 |  |

**Story 12: Property Search**

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T04** | Prototyping | 2 |  |
| **T05** | Branding (Logo, colour palette, visual aesthetic) | 5 |  |
| **T06** | Wireframe display page | 2 |  |
| **T07** | Create a home page | 4 |  |
| **T08** | Write and test CSS code to improve appearance and functionality of webpage | 7 |  |
| **T09** | Create search form with required search parameters | 2 |  |
| **T10** | Write and test code to retrieve search results fitting search parameters | 4 |  |
| **T11** | Confirm story is complete (acceptance test) | 1 |  |
|  | Story Points: 4 | Total Hours: 27 |  |

**Story 11: User Registration**

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T12** | Create User registration page | 2 |  |
| **T13** | Write and test CSS code for user registration page | 3 |  |
| **T14** | Create HTML form | 1 |  |
| **T15** | Create user database | 2 |  |
| **T16** | Populate user database | 2 |  |
| **T17** | Write and test code to input tenant data into user database | 3 |  |
| **T18** | Confirm story is complete (acceptance test) | 1 |  |
|  | Story Points: 2 | Total Hours: 14 |  |

**Story 8: Customer Enquiries**

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T19** | Create Contact Us page for registered users | 1 |  |
| **T20** | Create HTML form for registered users | 2 |  |
| **T21** | Write and test code to retrieve user data from user database | 2 |  |
| **T22** | Write and test code to send enquiry as email to relevant staff inbox | 2 |  |
| **T23** | Confirm story is complete (acceptance test) | 1 |  |
|  | Story Points: 1 | Total Hours: 8 |  |

**Story 16: Contact Us Page**

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T24** | Create Contact Us page for unregistered users (general enquiries) | 2 |  |
| **T25** | Create HTML form for unregistered users | 2 |  |
| **T26** | Write and test code to send enquiry as email to relevant staff inbox | 1 |  |
| **T27** | Confirm story is complete (acceptance test) | 1 |  |
|  | Story Points: 1 | Total Hours: 6 |  |

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T28** | Create property inspection HTML form | 2 |  |
| **T29** | Write and test code to retrieve property data from property database | 2 |  |
| **T30** | Write and test code to send property inspection booking as email to relevant staff inbox | 2 |  |
| **T31** | Confirm story is complete (acceptance test) | 1 |  |
|  | Story Points: 1 | Total Hours: 7 |  |

**Story 10: Property Inspection Booking**

Sprint 2

Total Story Points: 10

Total Additional Story points: 4 Total Hours: 76

Current velocity: *15*

Total Hours of additional Tasks: 21

## Story 3: Property Management

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **1** | Create property management page | 2 |  |
| **2** | Write, test and implement code to retrieve current property information from property database | 1 |  |
| **3** | Write, test and implement code to input and update property data to property database | 2 |  |
| **4** | Write and test code to limit access to property management to owners and David | 2 |  |
| **5** | Confirm story is complete (acceptance test) | 1 |  |
|  | Story Points: 1 | Total Hours: | 8 |

## Story 7: Administrative Control

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **6** | Write and test code to allow David unlimited access to tenant, property, schedule and account management | 2 |  |
| **7** | Write and test code to limit staff to tenant, schedule and account management | 1 |  |
| **8** | Write and test code to limit owners to property and account management | 1 |  |
| **9** | Write and test code to limit tenants/users to schedule and account management | 1 |  |
| **10** | Confirm story is complete (acceptance test) | 1 |  |
|  | Story Points: 1 | Total Hours: | 6 |

## Story 18: Property Display Page

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **11** | Prototyping | 2 |  |
| **12** | Branding (colour palette & logo) | 3 |  |
| **13** | Wireframe display page | 3 |  |
| **14** | Create a property display page in PHP (including external PHP) | 4 |  |
| **15** | Write CSS code & test to improve appearance of webpage + functionality | 7 |  |
| **16** | Write & test code to retrieve property information | 4 |  |
| **17** | Write & test code to generate individual property display pages | 2 |  |
| **18** | Confirm story is complete (acceptance test) | 1 |  |
|  | Story Points: 4 | Total Hours: 26 |  |

## Story 2: Customer ID

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **19** | Implement User ID field into user database | 1 |  |
| **20** | Write and test code to retrieve user ID and information | 2 |  |
| **21** | Implement User ID retrieval where required | 2 |  |
| **22** | Confirm story is complete (acceptance test) | 1 |  |
|  | Story Points: 1 | Total Hours: | 6 |

## Story 5: Personal Account Editor

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **23** | Create account management page | 2 |  |
| **24** | Create account details form | 2 |  |
| **25** | Write and test code to input changes to user database | 1 |  |
| **26** | Confirm story is complete (acceptance test) | 1 |  |
|  | Story Points: 1 | Total Hours: | 6 |

## Story 4: Inspection/Scheduling Management

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **27** | Create scheduling management page | 2 |  |
| **28** | Create scheduling database | 2 |  |
| **29** | Write and test code to retrieve scheduling data and relevant user information from property and user database | 4 |  |
| **30** | Create scheduling form to make changes to appointment | 2 |  |
| **31** | Write and test code to input changes to scheduling to property and user database | 1 |  |
| **32** | Write and test code to cancel appointments | 1 |  |
| **33** | Confirm story is complete (acceptance test) | 1 |  |
|  | Story Points: 2 | Total Hours: | 13 |

Additions to Sprint 2

In addition to the user stories that were already assigned to the second sprint some tasks that were in sprint one either could not be completed in time or development hadn’t started. For those Stories/Tasks we have made the decision to push them back into our second sprint in order to try and continue development along side our other tasks.

A lot of the issues that kept the developers from moving forward to other tasks was complication with the database. Although the data base is populated with the data required by the client, it sadly wasn’t able to connect to our site for any further testing, halting any further development with tasks that required the site to be connected to the database. With this issue, development was heavily halted resulting in a number of unfinished tasks with an estimated 21 hours of additional time added to our second sprint. Once the database issues have been resolved continued development of the site will resume as estimated by our velocity from sprint 1.

**Story 11: User Registration**

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T13** | Write and test CSS code to improve appearance and functionality of webpage | 1 |  |
| **T18** | Confirm story is complete (acceptance test) | 1 |  |
|  | Story Points: 1 | Total Hours: | 2 |

**Story 12: Property Search**

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T08** | Write and test CSS code to improve appearance and functionality of webpage | 1 |  |
| **T11** | Confirm story is complete (acceptance test) | 1 |  |
|  | Story Points: 1 | Total Hours: | 2 |

**Story 8: Consumer Enquiries**

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T19** | Create Contact Us page for registered users | 1 |  |
| **T20** | Create HTML form for registered users | 2 |  |
| **T22** | Write and test code to send enquiry as email to relevant staff inbox | 2 |  |
| **T23** | Confirm story is complete (acceptance test) | 1 |  |
|  | Story Points: 1 | Total Hours: | 6 |

**Story 16: Contact Us Page**

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T24** | Create Contact Us page for registered users | 2 |  |
| **T25** | Create HTML form for registered users | 2 |  |
| **T26** | Write and test code to send enquiry as email to relevant staff inbox | 1 |  |
| **T27** | Confirm story is complete (acceptance test) | 1 |  |
|  | Story Points: 1 | Total Hours: | 6 |

**Story 10: Property Inspection Booking**

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **T28** | Create Contact Us page for registered users | 2 |  |
| **T30** | Create HTML form for registered users | 2 |  |
| **T31** | Write and test code to send enquiry as email to relevant staff inbox | 1 |  |
|  | Story Points: 1 | Total Hours: | 5 |