**Release and Sprint Plans**

**Group 93**

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**Version:** 4

**Date:** 8 October 2015

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**Release Plan**

**Release 1**

Delivery date: Total Story Points: 120

This release outlines the core components and features of the website. It focuses on the user’s experience by the design and implementation of the property pages and the ability to administer prospective tenants/tenant accounts.

**General Property viewings**

This feature allows prospective tenants to search and view properties within the website. The owner of the website can host the properties for rent.

|  |  |  |
| --- | --- | --- |
| **Story ID** | **Story Title** | **Story Points** |
| **NINTHR-1** | Search | 16 |
| **NINTHR-18** | Home page | 8 |
| **NINTHR-8** | View personal property details | 16 |
| **NINTHR-10** | Advertise on Gumtree | 8 |
| **NINTHR-2** | Viewing inspection times | 16 |
|  | Story Point Sub-Total: | 64 |

**Prospective Tenant/Tenant Administration**

This feature allows Tenants/Potential tenants to have the ability to create an account by entering in their details. They can view and register to upcoming inspections for properties they have an interest in.

|  |  |  |
| --- | --- | --- |
| **Story ID** | **Story Title** | **Story Points** |
| **NINTHR-26** | Contract details | 8 |
| **NINTHR-24** | Tenant account | 16 |
| **NINTHR-21** | Tenant inspection registration | 8 |
| **NINTHR-12** | Upcoming inspections | 16 |
| **NINTHR-4** | Favourite Properties | 8 |
|  | Story Point Sub-Total: | 56 |

**Release 2**

Delivery date: Total Story Points: 148

This release focuses on the ability to administer the internal business user accounts. Staff, Owners and Website administrators will now have the ability to view, create, modify and remove certain components of the website through a front end interface. Security features will be added to this release to avoid unauthorised users from accessing restricted areas of the website.

**Owner Account Administration**

This feature allows the owner to display their properties and provide the opportunity for prospective tenants to sign up and become new tenants. The owner can view the tenant information and assign inspection times for their properties.

|  |  |  |
| --- | --- | --- |
| **Story ID** | **Story Title** | **Story Points** |
| **NINTHR-20** | Minimum number of inspections | 4 |
| **NINTHR-22** | Inspection allocation | 32 |
| **NINTHR-7** | Property owner update option | 16 |
|  | Story Point Sub-Total: | 52 |

**Staff Administration**

Staff members are able to administer the properties assigned to them. View the assigned properties and inspection times.

|  |  |  |
| --- | --- | --- |
| **Story ID** | **Story Title** | **Story Points** |
| **NINTHR-23** | Staff accounts | 16 |
| **NINTHR-9** | Assigned properties | 16 |
|  | Story Point Sub-Total: | 32 |

**Website and User account administration**

This feature is designed provide a safe and secure website, providing usernames and passwords, database security and full administrator rights to the website owner to make any necessary changes.

|  |  |  |
| --- | --- | --- |
| **Story ID** | **Story Title** | **Story Points** |
| **NINTHR-16** | Website security | 32 |
| **NINTHR-3** | Administration page | 32 |
|  | Story Point Sub-Total: | 64 |

**Release 3**

Delivery date: Total Story Points: 92

This release focuses on additional features that are not part of the critical components of the website. They provide an added value experience for the users by providing more options, statics and feedback on the website about other users and properties.

**History and Statistics**

This feature provides a value added user experience. Providing neighbourhood statistics, how many users previously viewed the current property and demographic statistics on the prospective tenants. A prospective tenant can also request their own inspection times.

|  |  |  |
| --- | --- | --- |
| **Story ID** | **Story Title** | **Story Points** |
| **NINTHR-17** | Tenant request for inspection | 8 |
| **NINTHR-14** | Property view history | 16 |
| **NINTHR-13** | View neighbourhood statistics | 32 |
| **NINTHR-15** | Potential tenant demographic information | 4 |
| **NINTHR-25** | Contract expiry | 8 |
| **NINTHR-11** | Staff Communication | 8 |
|  | Story Point Sub-Total: | 76 |

**User Feedback**

This feature provides tenants with the ability to rate and provide feedback to their current owner/property. Owners will also have the ability to provide feedback on their current tenant(s).  It will provide a history of positives and negatives designed for prospective tenants, property owners and staff members.

|  |  |  |
| --- | --- | --- |
| **Story ID** | **Story Title** | **Story Points** |
| **NINTHR-5** | Tenant ratings | 8 |
| **NINTHR-6** | Owner Ratings | 8 |
|  | Story Point Sub-Total: | 16 |

**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: 16

**Sprint Plan**

**Sprint 1**

Total Story Points: 64 points   
Total Hours: 43hr

Current Velocity: 16

## Story ID: 01 Search

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| 1 | Create search bar with multiple options (suburb, rent amount, property type, and furnished/unfurnished) | 4hr | 5hr |
| 2 | Create search results page | 3hr | 4hr |
| 3 | Write test cases | 0.5hr | 0.5hr |
| 4 | Verify story is complete | 1hr | 1.5hr |
|  | Story Points: 16 Total Hours: | 8.5hr | 11hr |

## Story ID: 02 Viewing inspection times

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| **1** | Retrieve the information on inspection times in the database | 2hr | 1hr |
| **2** | Display them on the property details page | 3hr | 0.5hr |
| **3** | Write test cases | .5hr | 0.5hr |
| **4** | Verify story is complete (acceptance test) | 1hr | 1hr |
|  | Story Points: 16                                             Total Hours: | 6.5hr | 3hr |

## Story ID: 08 View property details

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| 1 | Create a property available page, which lists all available properties with a short description. | 3hr | 3hr |
| 2 | Write the test case | .5hr | 0.5hr |
| 3 | Develop a page for each property listed on the website with property details, and photos | 6hr | 8hr |
| 4 | Verify story is complete (acceptance test) | 1.25hr | 1hr |
|  | Story Points: 16                                                   Total Hours: | 10.75hr | 12.5hr |

## Story ID: 18 Home Page

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| 1 | Design a user friendly and professional homepage | 6hr | 8hr |
| 2 | Develop UI for an interactive home page | 3hr | 5hr |
| 3 | Add code for user log in/ registration box | 3hr | 1.5hr |
| 4 | Write test cases | 0.5hr | 0.5hr |
| 5 | Verify story is complete (acceptance test) | 1hr | .75hr |
|  | Story Points:  8                Total Hours: | 13.5hr | 15.75hr |

## Story ID: 10 Advertise on Gumtree

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| 1 | Create a unique Property ID for each property advertised, which will be included in the GumTree advertisement. | 1.5hr | 1hr |
| 2 | Write the test case | .25hr | .25hr |
| 3 | Write the code to link with the webpage of GumTree | 1.25hr | 1.25hr |
| 4 | Verify story is complete (acceptance test) | .75hr | 0.75hr |
|  | Story Points: 8                                                   Total Hours: | 3.75hr | 3.25hr |

# Sprint 2

Total Story Points: 56  
Total Hours: 35

Current Velocity: 16

## Story ID: 04 Favourite Properties

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| 1 | Create interactive "Add to favourites" and "View favourites" buttons to add to the property page | 2hr | 1hr |
| 2 | Write code to verify user has logged in before using favourite buttons | 1hr | 1hr |
| 3 | Create a user favourites page, listing the tenants current favourite properties | 3hr | 2hr |
| 4 | Write code so that users have the ability to remove existing favourite from the favourites page | 2hr | 1hr |
| 5 | Write test cases | .5hr | .5hr |
| 6 | Verify story is complete (acceptance test) | 1hr | .75hr |
|  | Story Points:  8                                                Total Hours: | 8.5hr | 6.25hr |

## Story ID: 21 Tenant Inspection Registration

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| 1 | Develop interactive register button for each inspection so tenants can express interest | 1hr | 1.5hr |
| 2 | Develop SQL and PHP code to insert and maintain registration records | 1.5hr | 3hr |
| 3 | Create a cancel option for the tenant | 1hr | .5hr |
| 4 | Write test case | .25hr | .25hr |
| 5 | Acceptance Test | .75hr | 1 |
|  | Story Points: 8                                                  Total Hours: | 4.5hr | 6.25hr |

## Story ID: 24 Tenant Account

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| 1 | Create sign up page for tenant user | 3hr | 3hr |
| 2 | Create tenant home page with upcoming tenant inspection times, any favorited properties, and any inspection times the tenant has registered for. | 3.5hr | 2hr |
| 3 | Write code for user information to be inserted in database | 2hr | 2hr |
| 4 | Write test case | .5hr | .5hr |
| 5 | Acceptance test | 1hr | 1.25hr |
|  | Story Points:  16                                                Total Hours: | 10hr | 8.75hr |

## Story ID: 26 Contract details

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| 1 | Create new contract input page | 2hr | 1hr |
| 2 | Develop code to insert and retrieve contract information from database | 2hr | 3hr |
| 3 | Display contract details on property page | 1hr | 1hr |
| 4 | Write test case | .25h | .25hr |
| 5 | Acceptance Test | .75h | 1hr |
|  | Story Points:  8                                                 Total Hours: | 6hr | 6.25 |

Due to time restraints and additional functionality such as the owner being the only person to allocate inspections to employers this story will be part of release two.

## Story ID: 12 Upcoming Inspections

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| 1 | Create data base option to link a current tenant to a property | 1.5hr |  |
| 2 | Display the upcoming inspection times for the current tenants assigned property on the tenant page | 3hr |  |
| 3 | Write test case | .5hr |  |
| 4 | Acceptance Test | 1hr |  |
|  | Story Points:  16                          Total Hours: | 6hr |  |

# Release two

# Sprint 3

Total Story Points: 80  
Total Hours: 29.75

Current Velocity: 16

## Story ID: 12 Upcoming Inspections

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| 1 | Create data base option to link a current tenant to a property | 1.5hr | 1.5hr |
| 2 | Display the upcoming inspection times for the current tenants assigned property on the tenant profile page | 3hr | 2.5hr |
| 3 | Write test case | .5hr | .5hr |
| 4 | Acceptance Test | 1hr | 1hr |
|  | Story Points:  16                          Total Hours: | 6hr | 5.5hr |

## Story ID: 23 Staff accounts

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| 1 | Develop functionality so that the owner of the page can create employer accounts. | 2hr | 2.5hr |
| 2 | Give employer accounts access to relevant areas by creating a separate session for employers. | 2hr | 2.5hr |
| 3 | Develop a profile for employers where they can view their assigned upcoming inspections and other relevant information. | 1.5hr | 1.5hr |
| 4 | Write test cases | .5hr | .5hr |
| 5 | Verify story is complete (acceptance test) | 1hr | 1hr |
|  | Story Points: 16                                                 Total Hours: | 7hr | 8hr |

## Story ID: 03 Admin Page

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| 1 | Research the best way to give a user full administrative powers and access. | 1hr | 1hr |
| 2 | Develop website owner account with full administrative power. | 2.5hr | 2hr |
| 3 | Develop administrative page and functions with the ability to allocate inspections to employees, current tenants to properties and update properties. (inspection allocation will be completed in the next sprint) | 2hr | 3.5hr |
| 4 | Write test case | 1hr | 1hr |
| 5 | Acceptance Test | 1.5h | 1.5hr |
|  | Story Points:  32                                                 Total Hours: | 8hr | 9hr |

## Story ID: 7 Property owner update option

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| 1 | Design property creation/update input page with relevant fields | 1hr | 1.5hr |
| 2 | Develop php and sql code to allow the owner to upload and store information in the database. | 3hr | 4hr |
| 3 | Develop security to ensure only the property owner and website owner have access to this page (create separate owner accounts and sessions) | 3hr | 2.5hr |
| 4 | Write test case | .75hr | .75hr |
| 5 | Acceptance Test | 1hr | 1.25hr |
|  | Story Points: 16                           Total Hours: | 8.75hr | 10hr |

# Sprint 4

Total Story Points: 84  
Total Hours: 22.5hr

Current Velocity: 16

**Story ID: 16 Website security**

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| 1 | Research best methods to secure a web based database and its servers | .5hr | .5hr |
| 2 | Establishing archiving protocol | 1hr | 1hr |
| 3 | Write code to permit certain inputs into the database | 2hr | 1hr |
| 4 | Hash out passwords | 1hr | 1hr |
| 5 | Establish master account for owner | 2.5hr | 2.25hr |
| 6 | Write test case | .75hr | 1hr |
| 7 | Acceptance Test | 1.5h | 1.5hr |
|  | Story Points:  32                                                 Total Hours: | 9.25hr | 8.25hr |

**Story ID: 9 Assigned properties**

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| 1 | Design an employer page where the employer can access relevant information to them including assigned properties | 1.5hr | 2hr |
| 2 | Develop SQL query and PHP to link assigned properties to employer and display on the page. | 2hr | 2hr |
| 3 | Write test case | .25hr | .25hr |
| 4 | Acceptance Test | .75hr | 1hr |
|  | Story Points: 16                                                  Total Hours: | 4.5hr | 5.25hr |

**Story ID: 20 Minimum number of inspection**

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| 1 | Add code to make one inspection time a mandatory field on the create and update property pages. | 1.5hr | 1hr |
| 2 | Write test case | .25hr | .25hr |
| 3 | Acceptance Test | .75hr | .75hr |
|  | Story Points: 4                                                  Total Hours: | 2.5hr | 2hr |

**Story ID: 22 Inspection allocation**

|  |  |  |  |
| --- | --- | --- | --- |
| **Task ID** | **Task Description** | **Estimate** | **Taken** |
| 1 | Develop database link between inspection and staff members | 1hr | 1hr |
| 2 | Develop session for owner to allocate staff members to inspection times. | 3hr | 2.75hr |
| 3 | Add inspection allocation to admin page | 1hr | 1.25hr |
| 3 | Write test case | .25hr | .5hr |
| 4 | Acceptance Test | 1hr | 1hr |
|  | Story Points: 32                                                  Total Hours: | 6.25hr | 6.5hr |