**Release and Sprint Plans**

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Release Plan

# Release 1

Delivery date: 17 Sept. 2015 Total Story Points: 51

To activate the vital functions in the system so that potential tenants will be able to use this system to rent properties with adequate information and business owner as well as employees can at least manage this business by providing and editing information.

## Displaying Information

All essential information that potential tenants required will be displayed in the system.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S01 | Required Property Information | 4 |
| S02 | Display Agent Contact Information | 4 |
| S03 | Display Inspection Times | 2 |
| S04 | View All Available Properties | 8 |
|  | Story Point Sub-Total: | 18 |

## Editing Information

Business owner will be able to manage their properties by making necessary amendments to the information when required.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S15 | Update property Data | 16 |
| S33 | Edit Inspection times | 1 |
|  | Story Point Sub-Total: | 17 |

## Searching Information

Potential tenants will be able to use this function to search their desired property types. For e.g. apartment, townhouse, house, shared accommodation and etc.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S08 | Search by property Type | 8 |
|  | Story Point Sub-Total: | 8 |

## Linking Information

Business owner will be able to view the information of clients’ details in alignment to the property they have rented in a simple structured page.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S20 | Link Renter’s Profiles with Rented Property | 8 |
|  | Story Point Sub-Total: | 8 |

# Release 2

Delivery date: 22 Oct. 2015 Total Story Points: 84

Provide additional functions whilst maintaining a simple and user-friendly system. The system will be expanded to detailed information and functions.

## Tracking Employees

Business owner will be able to keep and maintain records of employee’s new recruitments or when employees quit. Business owner will also be capable to access and edit information such as starts and end date of employment, leave accruals e.g. annual leave, personal leave and etc.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S13 | Manage Employee access | 16 |
|  | Story Point Sub-Total: | 16 |

## Ease of Communications

Details of employees and clients will be displayed when needed for ease of communications. Necessary details that will be displayed are Name, Contact numbers, E-mail address and etc.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S28 | Client Profiles | 16 |
| S30 | Employee Details | 4 |
|  | Story Point Sub-Total: | 20 |

## Searching Information

Customers will also be able to search by entering keywords to search for information they wish for.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S12 | Keyword Search | 16 |
|  | Story Point Sub-Total: | 16 |

## Editing Information

Business owner will be able to utilize the show and hide property function upon the lease expiry. Once a property is rented, the system will hide the property until it’s due and will be automatically showed in the system once it is available for rent.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S16 | Show/Hide properties | 8 |
|  | Story Point Sub-Total: | 8 |

## Displaying Information

Business owner will be able to view the fixed contract dates (start/end) for every rented properties.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S19 | List Rent Contract Date | 8 |
|  | Story Point Sub-Total: | 8 |

## User-Friendly Interface

Business owner can sustain the company by providing a user-friendly system for all users to use.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S25 | Simple GUI | 16 |
|  | Story Point Sub-Total: | 16 |

# Release 3

Delivery date: To be negotiated Total Story Points: 48

Provide advance search/filter functionalities to the system to present specific information for users.

## Searching Information

Potential tenants will be able to search for precise information by using filter search or search properties by state or suburb.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S05 | Filter Search | 32 |
| S09 | Search properties by state or suburb | 16 |
|  | Story Point Sub-Total: | 48 |

# Release 4

Delivery date: To be negotiated Total Story Points: 56

## Comparing Information

Potential tenants will be able to compare prices of the same type of properties around the area for a fair deal.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S06 | Compare price with other properties | 4 (Dependent upon S09) |
|  | Story Point Sub-Total: | 4 |

## Displaying Information

Potential renters will be able to track the locations of schools nearby the property.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S10 | Information about local schools is displayed | 4 |
|  | Story Point Sub-Total: | 4 |

## Notifications

Property owner will receive a notification when his/her properties are rented to tenants.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S24 | Rent notification | 32 |
|  | Story Point Sub-Total: | 32 |

## Reviews

Tenants will be able to make a commentary/review on the performance of agents on conducting his/her job for future improvement for both agent and business.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S32 | Review Agent | 16 |
|  | 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: 8.25

Sprint Plan

# Sprint 1

Total Story Points: 12 Total Hours: 8.5

## Current Velocity: undefined

## Story 1: Required Property Information

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Have fields for the properties’ price, location and photos on every property page | 2.5 |  |
|  |  |  |  |
|  | Story Points: 4 Total Hours: | 1.5 |  |

## Story 2: Display Agent Contact Information

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Have the agent’s contact information on every property page they manage | 0.5 |  |
|  |  |  |  |
|  | Story Points: 4 Total Hours: | 0.5 |  |

## Story 3: Display Inspection Times

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Have a field containing inspection time details on every property page | 0.5 |  |
|  |  |  |  |
|  | Story Points: 2 Total Hours: | 0.5 |  |

## Story 8: Search by Property Type

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Create search field | 2 |  |
| T02 | Match input to database | 1 |  |
| T03 | Display search results | 3 |  |
|  |  |  |  |
|  | Story Points: 2 Total Hours: | 6 |  |

**Sprint 2**

Total Story Points: 33 Total Hours: 11.5

## Current Velocity: undefined

## Story 11: View All Available Properties

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Create page to display all property listings that are vacant | 1.5 |  |
| T02 | Pull property data from database that where it is vacant | 1 |  |
| T03 | Input the pulled data into the display page | 1 |  |
|  | Story Points: 8 Total Hours: | 3.5 |  |

## Story 15: Update Property Data

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Pulling data from database | 0.5 |  |
| T02 | Inserting data into fields | 0.5 |  |
| T03 | Posting updated data | 0.5 |  |
|  |  |  |  |
|  | Story Points: 16 Total Hours: | 1.5 |  |

## Story 20: Link Renter’s Profiles with Rented Property

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Profile Generation | 2 |  |
| T02 | Submitting profile ID by employee or David on separate page | 1 |  |
| T03 | Updated database information resubmitted | 2 |  |
|  |  |  |  |
|  | Story Points: 8 Total Hours: | 5 |  |

## Story 33: Edit Inspection Times

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Pulling data from database | 0.5 |  |
| T02 | Inserting data into fields00 | 0.5 |  |
| T03 | Posting updated data | 0.5 |  |
|  |  |  |  |
|  | Story Points: 1 Total Hours: | 1.5 |  |

# Sprint 3

Total Story Points: 36 Total Hours: 10.5

## Current Velocity: undefined

## Story 13: Manage Employee Access

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | List employee table | 1 |  |
| T02 | Create input form | 1 |  |
| T03 | Post to database | 1 |  |
| T04 | Drop from database by ID (Delete functionality) | 1 |  |
|  |  |  |  |
|  | Story Points: 16 Total Hours: | 4 |  |

## Story 28: Client Profiles

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | List associated tenant profiles | 2 |  |
|  |  |  |  |
|  | Story Points: 16 Total Hours: | 2 |  |

## Story 30: Employee Details

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Create employee profile form | 3 |  |
| T02 | Generate employee profile | 1 |  |
| T03 | Link employee profile to property page | 0.5 |  |
|  |  |  |  |
|  | Story Points: 4 Total Hours: | 4.5 |  |

# Sprint 4

Total Story Points: 48 Total Hours: 19.5

## Current Velocity: undefined

## Story 12: Keyword Search

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Create search field | 1 |  |
| T02 | Post input | 2 |  |
| T03 | Match Input | 1 |  |
| T04 | Display results | 2 |  |
|  |  |  |  |
|  | Story Points: 16 Total Hours: | 6 |  |

## Story 16: Show/Hide Properties

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Create a hide field in property database | 0.5 |  |
| T02 | On results return check for “Hide” flag | 0.5 |  |
| T03 | Conceal flagged results in searches | 0.5 |  |
|  |  |  |  |
|  | Story Points: 8 Total Hours: | 1.5 |  |

## Story 19: List Rent Contract Date

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Add contract details to database | 2 |  |
| T02 | Display contract dates in the listing page | 1 |  |
|  |  |  |  |
|  | Story Points: 8 Total Hours: | 3 |  |

## Story 25: Simple GUI

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Format formatting forms to be accessible | 3 |  |
| T02 | Uniforming CSS | 3 |  |
| T03 | Styling CSS | 3 |  |
|  |  |  |  |
|  | Story Points: 16 Total Hours: | 9 |  |

**Sprint 5**

Total Story Points: 48 Total Hours: 14

## Current Velocity: undefined

## Story 05: Filter Search

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Create filter search form | 2 |  |
| T02 | When searching require to fill search form | 1 |  |
| T03 | Onchange of search boundaries re-return search results | 3 |  |
|  |  |  |  |
|  | Story Points: 32 Total Hours: | 6 |  |

## Story 09: Search Properties by State/Suburb

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Create form with geolocation API | 2 |  |
| T02 | Search by geolocation | 3 |  |
| T03 | Display results on map | 3 |  |
|  |  |  |  |
|  | Story Points: 16 Total Hours: | 8 |  |

# Sprint 6

Total Story Points: 56 Total Hours: 35

## Current Velocity: undefined

## Story 06: Compare Price with Other Properties

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Create algorithm for returning similar property results | 5 |  |
| T02 | Add related listing section on property page | 2 |  |
|  | Fill related properties field listing with related property results and details | 2 |  |
|  |  |  |  |
|  | Story Points: 4 Total Hours: | 9 |  |

## Story 10: Information about Local Schools

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Create algorithm to match schools by location through google | 5 |  |
| T02 | Use geolocation API to input information into algorithm to return results | 3 |  |
| T03 | Display local school results on property listing | 1 |  |
|  |  |  |  |
|  | Story Points: 4 Total Hours: | 9 |  |

## Story 24: Rent Notification

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Check when contracts database is altered | 4 |  |
| T02 | Match contract with employee associated with listing | 2 |  |
| T03 | Email employee with notification | 5 |  |
|  |  |  |  |
|  | Story Points: 32 Total Hours: | 11 |  |

## Story 32: Review Agent

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T01 | Generate input field for employee review | 2 |  |
| T02 | Submit review | 1 |  |
| T03 | Add review field on employee and associated property pages | 2 |  |
| T04 | Populate review field with matched employee | 1 |  |
|  |  |  |  |
|  | Story Points: 16 Total Hours: | 6 |  |