**Release and Sprint Plans**

**Team SPEL-Team 21**

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Release Plan

# Release 1

Delivery date: 9th September 2015 Total Story Points: 60

This release focuses on having tenants be able to sign into the application and view the most basic details of properties. It then goes on to include the tenant contacting the owner so as to arrange an inspection in those properties which the tenant is interested in. It also includes the tenant updating their profile information so as to remain contactable.

## Viewing Property Information

Tenants need to be able to view the specific details of a property and other information about it before they can evaluate whether or not they want to express interest in it by contacting the property owner.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S1 | View Property Photos | 3 |
| S5 | View Property Rating | 2 |
| S10 | View Location Details | 3 |
| S20 | View Property Details | 2 |
| S37 | View Price | 2 |
| S18 | View Property Manager Contact | 2 |
|  | Story Point Sub-Total: | 14 |

## Basic Results Filter

Being able to filter results allows tenants to find properties that are suitable for them easier because they can ignore those that are clearly not suitable based on pre-set conditions.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S15 | Filter Properties by Price | 6 |
|  | Story Point Sub-Total: | 6 |

## Update Commonly Changed Property Details

If a property owner can edit the commonly changed property details without deleting the entry and adding a new one, they will save a lot of time.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S38 | Update Price | 4 |
|  | Story Point Sub-Total: | 4 |

## Adding Properties

If new properties can be added through the web interface as opposed to being written into the database with SQL, it will make the staff’s jobs easier.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S39 | Add Property | 8 |
|  | Story Point Sub-Total: | 8 |

## Communication between tenant and owner

If potential tenants can send a message to the property owner without leaving the system, it will make their property search more efficient.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S47 | Send Email from Tenant to Owner | 6 |
|  | Story Point Sub-Total: | 6 |

## User Profiles

Tenants need a profile in order for the system to record details about them.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S50 | Sign Up Tenant | 8 |
| S8 | Edit Tenant Account Profile | 6 |
|  | Story Point Sub-Total: | 14 |

## Mobile Layout

If people can use the website on devices with smaller screens than a laptop it will increase the usability.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S67 | Mobile Layout | 8 |
|  | Story Point Sub-Total: | 8 |

# Release 2

Delivery date: 23rd September 2015 Total Story Points: 62

This release aims to increase the amount of property details shown to the user, and the ways that a potential tenant can filter for properties. It also includes feedback from tenants and saving a property to ‘favourites’.

## Expanded Filters

With more advanced filtering techniques, tenants will be able to find a suitable property faster.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S2 | Filter Bedrooms | 6 |
| S11 | Filter Property Type | 7 |
|  | Story Point Sub-Total: | 13 |

## Tenant Feedback

Having tenant feedback on a property helps the listing appear more realistic and reliable.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S6 | Write Tenant Feedback | 4 |
| S33 | Read Written Feedback | 3 |
|  | Story Point Sub-Total: | 7 |

## View Property Results as Map

Being able to view property results as a map allows tenants to find a property in a suitable location easier.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S6 | View Property Results as Map | 8 |
|  | Story Point Sub-Total: | 8 |

## Saving Properties

When tenants can save a property to find it easier later they can perform more efficient shortlisting.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S23 | View Saved Properties | 4 |
| S24 | Save Property | 4 |
|  | Story Point Sub-Total: | 8 |

## Expanded Property Details

Further details about a property allows tenants to make better decisions about it.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S28 | View Bathroom Numbers | 2 |
| S16 | View Bedroom Numbers | 2 |
| S29 | View Parking Space Numbers | 2 |
| S49 | Upload Property Picture | 4 |
| S44 | View Floorplan | 2 |
| S32 | View Inspection Dates | 3 |
| S33 | View Date Available | 4 |
| S4 | Picture Gallery | 5 |
|  | Story Point Sub-Total: | 24 |

# Release 3

Delivery date: To be negotiated Total Story Points:61

This release aims to facilitate delegation of the property owner to staff members, along with making searching easier through capturing previous user activity. It also automates some communication.

## Leverage User Activity

Keeping track of what users are viewing in the website can be used to both help individual users navigate around, and inform users about what is popular.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S25 | List Personally Recently Viewed | 7 |
| S26 | List Most Popular Properties | 7 |
|  | Story Point Sub-Total: | 14 |

## Nearby Facilities

Potential Tenants may wish to use information about nearby facilities to help make a purchase or rental decision.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S12 | View Nearby Facilities | 9 |
|  | Story Point Sub-Total: | 9 |

## Notifications

Notifications can be used by property owners to inform potential tenants about things such as open houses.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S41 | Send Automatic Notifications | 6 |
| S42 | Send Ad-hoc Notifications | 9 |
|  | Story Point Sub-Total: | 15 |

## Manage Property Availability

If a record of the signature of a lease can be captured, the system can use this information to determine who is in a house and when they will leave. This should also be able to be overwritten.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S3 | Signing Lease Document | 4 |
| S34 | Manage Property Availability Ad-hoc | 4 |
|  | Story Point Sub-Total: | 8 |

## Staff Members

To allow others to perform some of the work normally performed by David, the ability to create different lower level accounts needs to exist along with the ability to manage their privileges.

|  |  |  |
| --- | --- | --- |
| Story ID | Story Title | Story Points |
| S51 | Sign Up Property Owner | 5 |
| S13 | System Admin Revoke Rights | 5 |
| S9 | System Admin Assigning Rights | 5 |
|  | Story Point Sub-Total: | 15 |

# 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:

Sprint Plan

# Sprint 1

Total Story Points:65 Total Hours: 71

## Current Velocity:

## S1: View Property Photos

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T1-1 | Create database table | 1 |  |
| T1-2 | Fetch Pictures from database to webpage | 3 |  |
| T1-3 | Edit layout to include picture space | 1 |  |
| T1-4 | Verify that story is complete (acceptance test) | 1 |  |
|  | Story Points: 5 Total Hours: | 5 |  |

## S25: View Property Rating

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T25-1 | Create database field | 0.5 |  |
| T25-2 | Fetch rating data from database to webpage | 0.5 |  |
| T25-3 | Edit layout to include rating field | 0.5 |  |
| T25-4 | Verify that story is complete (acceptance test) | 0.5 |  |
|  | Story Points: 2 Total Hours: | 2 |  |

## S10: View Location Details

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T10-1 | Create database fields | 0.5 |  |
| T10-2 | Fetch location data from database to webpage | 0.5 |  |
| T10-3 | Edit layout to include fields | 0.5 |  |
| T10-4 | Verify that story is complete (acceptance test) | 0.5 |  |
|  | Story Points: 3 Total Hours: | 2 |  |

## S20: View Property Details

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T20-1 | Create database fields | 1 |  |
| T20-2 | Fetch field values from database to webpage | 1 |  |
| T20-3 | Edit layout to include fields | 1 |  |
| T20-4 | Verify that story is complete (acceptance test) | 1 |  |
|  | Story Points: 2 Total Hours: | 4 |  |

## S37: View Price

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T37-1 | Create database tables and fields | 1 |  |
| T37-2 | Fetch value from database to webpage | 1 |  |
| T37-3 | Edit layout to include field | 0.5 |  |
| T37-4 | Verify that story is complete (acceptance test) | 0.5 |  |
|  | Story Points: 2 Total Hours: | 3 |  |

## S18: View Property Manager Contact

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T18-1 | Create database field | 0.5 |  |
| T18-2 | Fetch value from database to webpage | 0.5 |  |
| T18-3 | Edit layout to include field | 0.5 |  |
| T18-4 | Verify that story is complete (acceptance test) | 0.5 |  |
|  | Story Points: 2 Total Hours: | 2 |  |

## S15: Filter Properties by Price

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T15-1 | Create Filter Section of Webpage | 3 |  |
| T15-2 | Create Javascript to fetch and display results | 2 |  |
| T15-3 | Write webservice to return results | 3 |  |
| T15-4 | Verify that story is complete (acceptance test) | 1 |  |
|  | Story Points: 9 Total Hours: | 9 |  |

## S38: Update Price

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T38-1 | Write stored procedure to change price | 1 |  |
| T38-2 | Catch value from webpage | 1 |  |
| T38-3 | Write form validation | 2 |  |
| T38-4 | Verify that story is complete (acceptance test) | 0.5 |  |
|  | Story Points: 4 Total Hours: | 4.5 |  |

## S39: Add Property

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T39-1 | Create database tables and fields | 2 |  |
| T39-2 | Write web form | 3 |  |
| T39-3 | Capture data in php | 1 |  |
| T39-4 | Write stored procedure to change database | 1 |  |
| T39-5 | Verify that story is complete (acceptance test) | 1 |  |
|  | Story Points: 8 Total Hours: | 8 |  |

## S47: Send Email from Tenant to Owner

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T47-1 | Write php to send email | 5 |  |
| T47-2 | Write views and php functions to retrieve email data | 1 |  |
| T47-3 | Adjust webpage to include button | 1 |  |
| T47-4 | Verify that story is complete (acceptance test) | 1 |  |
|  | Story Points: 6 Total Hours: | 8 |  |

## S50: Sign Up Tenant

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T50-1 | Create database tables | 2 |  |
| T50-2 | Write stored procedure to add tenant | 1 |  |
| T50-3 | Write form as webpage | 3 |  |
| T50-4 | Capture data and call procedure | 1 |  |
| T50-5 | Verify that story is complete (acceptance test) | 0.5 |  |
|  | Story Points: 8 Total Hours: | 7.5 |  |

## S8: Edit Tenant Account Profile

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T8-1 | Write stored procedure to edit tenant | 2 |  |
| T8-2 | Write web form | 3 |  |
| T8-3 | Capture information in php and call procedure | 1 |  |
| T8-4 | Verify that story is complete (acceptance test) | 0.5 |  |
|  | Story Points: 6 Total Hours: | 6.5 |  |

## S67: Mobile Layout

|  |  |  |  |
| --- | --- | --- | --- |
| Task ID | Task Description | Estimate | Taken |
| T37-1 | Write mobile CSS | 8 |  |
| T37-4 | Verify that story is complete (acceptance test) | 0.5 |  |
|  | Story Points: 8 Total Hours: | 8.5 |  |