March 30, 2017

Queensland University of Technology

IFB299: IT Project Design and Development

User stories

Brooklyn Southside developments

**Role descriptions**

**Customer/Prospective tenant -**

**Agent**

**Home Owner**

**System Administrator**

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| **Story** | **US01 –Customer/Prospect search capabilities** | **Priority:** | **Story Points:** |
| **Who** | **Customer/Prospect** | | |
| **What** | When searching for a rental property I want to be able to search for attributes of a property | | |
| **Why** | So that I can browse for a desired property which will meet my needs and requirements | | |
| **Pre-Condition** |  | | |
| **Post Condition** |  | | |
| **Acceptance Criteria** | | | |
| **Landing page**   1. I can search for a property based on its suburb, postcode, state or property ID 2. I can select from a drop-down list for the following combinations:    1. Label name: Repayment time       1. Monthly       2. Weekly       3. Fortnightly    2. Label Name: Facilities       1. Pool,       2. Tennis court       3. Gym    3. Label names: Viewing times       1. 8am – 10am       2. 10am – 12pm       3. 12pm – 2pm       4. 2pm – 4pm 3. I can select from the following check boxes    1. Label Name: Type of Property       1. Townhouse,       2. Apartment,       3. House,       4. Commercial    2. Label Name: Contract type       1. 3 months,       2. 6 months       3. 12 months 4. I can select from the following radio buttons:    1. Label name: Furnished or Unfurnished    2. Surrounding suburbs 5. I can click on a hyperlink to the sign in page (See US14) 6. I can click on a link to the login page (See US015) | | | |
| **Notes** |  | | |

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| **Story** | **US02 –Search result paging** | **Priority:** | **Story Points:** |
| **Who** | **Customer/Prospect** | | |
| **What** | When searching for a rental property I want the search results to be displayed in a list | | |
| **Why** | So that I can view the corresponding properties from my search input | | |
| **Pre-Condition** |  | | |
| **Post Condition** |  | | |
| **Acceptance Criteria** | | | |
| **Search result paging**   1. I can view pictures of the listings in a photo slider format 2. I can see the property number ID 3. I can see the street address 4. I can see the rental repayment price 5. I can see a photo of the agent who is assigned to the property 6. I can access the refined search capabilities defined in (US01) 7. I can click on a link, which will take me to the advertised property details page. See (US03) | | | |
| **Notes** | When a user accesses the next button on the photo slider, the photos of the property will be displayed without the user being directed to the advertised property page. If a user clicks in the centre of the photo the user will be taken to the advertised property page. | | |

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| **Story** | **US03 – Advertised property details** | **Priority:** | **Story Points:** |
| **Who** | **Customer/Prospect** | | |
| **What** | When viewing an advertised property, I want to be able to view details about each listed property | | |
| **Why** | So that I have the relevant details to consider if the property suits my requirements | | |
| **Pre-Condition** |  | | |
| **Post Condition** |  | | |
| **Acceptance Criteria** | | | |
| **Property Details**  Each advertised property will display the following details:   1. I can view pictures of the listings 2. I can see the property number ID 3. I can see the allocated viewing times 4. I can see the street address 5. I can see the rental repayment price 6. I can click on a link to floor plan 7. I can read a brief synopsis about each listing 8. I can see a picture of a map which displays the address of the property 9. I can click on a button, which allows me to request an inspection time 10. I can click on a hyperlink | | | |
| **Notes** | Ads from different real estate agencies can choose to display their advertisement on this page. | | |

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| **Story** | **US04 – Advertised property details – Features** | **Priority:** | **Story Points** |
| **Who** | **Customer/Prospect** | | |
| **What** | When viewing an advertised property, I want to be able to view the amenities and property features | | |
| **Why** | So that I have the relevant details to consider if the property suits my requirements | | |
| **Pre-Condition** |  | | |
| **Post Condition** |  | | |
| **Acceptance Criteria** | | | |
| **Property Details – Property features**   1. I can see the features and amenities which will be broken down into three sections:    1. Heading Name: General Features       1. Label Name: Property Type       2. Label Name: Amount of bathrooms       3. Label Name: Land size    2. Heading Name: Outdoor Features       1. Label Name: Garage Spaces       2. Label Name: Balcony       3. Label Name: Swimming pool       4. Label Name: Secure parking    3. Heading Name: Indoor features       1. Label Name: Ensuite       2. Dishwasher       3. Air-conditioning | | | |
| **Notes** |  | | |

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| **Story** | **US05 – Advertised property details – Nearby schools** | **Priority:** | **Story Points** |
| **Who** | **Customer/Prospect** | | |
| **What** | When viewing an advertised property, I want to be able to view the surrounds school’s locations and details | | |
| **Why** | So that I have the relevant details to consider if the property suits my requirements | | |
| **Pre-Condition** |  | | |
| **Post Condition** |  | | |
| **Acceptance Criteria** | | | |
| **Property Data Details – Nearby schools**   1. I can view a table which shows the nearby schools in the area which will display the following details    1. Secondary or Primary    2. Catholic or Government    3. Distance from the properties’ location in (km’s)    4. Name of the school (hyperlink to the school’s website homepage | | | |
| **Notes** |  | | |

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| **Story** | **US06 – Advertised property details – Property ratings** | **Priority:** | **Story Points** |
| **Who** | **Customer/Prospect** | | |
| **What** | When viewing an advertised property, I want to be able to historical reviews | | |
| **Why** | So that I can see how other tenants have rated the property | | |
| **Pre-Condition** |  | | |
| **Post Condition** |  | | |
| **Acceptance Criteria** | | | |
| **Property Data Details – Ratings**   1. I can see the following comments and details    1. I can see a 5 start rating    2. A picture of the user    3. The name of the | | | |
| **Notes** |  | | |

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| **Story** | **US07 – Contact form** | **Priority:** | **Story Points** |
| **Who** | **Customer/Prospect** | | |
| **What** | I want to be able to contact an agent about a listing | | |
| **Why** | So that I can obtain the relevant details to communicate with them on a property | | |
| **Pre-Condition** |  | | |
| **Post Condition** |  | | |
| **Acceptance Criteria** | | | |
| **Contact Form Details**   1. I can apply values into a contact form which will be sent to the allocated agent. The following input fields will be applied    1. Name (Mandatory)    2. Email (Mandatory)    3. Phone number (Optional) 2. I can choose from three checkboxes with the following options: (One value must be selected)    1. Label Name: Obtain the contract of a sale    2. Label Name: Inspect the property    3. Label Name: Be contacted about similar properties 3. I can choose from a drop-down list with the following options: (One value must be selected)    1. I own my own home    2. I am renting    3. I have recently sold    4. I am a first home buyer    5. I am looking to invest    6. Other 4. I can input my comments (character limit: 1000) 5. I click on a hyperlink which directs our personal information collection statement page 6. When the user selects the submit button, the associated agent will receive the details about the customer who initiated the contact form | | | |
| **Notes** | If a user does submit the contact form without a Name, the field will be highlighted with text that reads “Please provide your name”. A value must be presented in this field before submission.  If a user does submit the contact form without a Phone number, the field will be highlighted with text that reads “Please provide a valid phone number”. A value must be presented in this field before submission. | | |

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| **Story** | **US08 – Creating an Agent account type** | **Priority:** | **Story Points:** |
| **Who** | **Reals Estate Agent** | | |
| **What** | I want to be able to create an agent account type | | |
| **Why** | So I can logon and view listings which have been assigned to me | | |
| **Pre-Condition** |  | | |
| **Post Condition** |  | | |
| **Acceptance Criteria** | | | |
| 1. The user can create an account with my work email address and associated password 2. Before the user can created an account, it must be verified. A corresponding email will be sent to the designated email address in which the user must select the “verify account button”. 3. The user will then be directed to the agent profile screen (See US09) | | | |
| **Notes** | The system will use the agents email address as verification to differentiate between the different users (i.e. customer from an agent)  All details will be secured by SHA-256 password hashing algorithm | | |

Agent

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| **Story** | **US09 – Agent profile screen** | **Priority:** | **Story Points:** |
| **Who** | **Agent** | | |
| **What** | I want to be logon through the agent portal | | |
| **Why** | So I can view/edit/delete details about my agent portfolio | | |
| **Pre-Condition** |  | | |
| **Post Condition** |  | | |
| **Acceptance Criteria** | | | |
| **Agent Portfolio Details**   1. The user will be able to view/update/delete the following details about their portfolio:    1. Name    2. Edit and upload photos of themselves    3. Job role    4. List the company the agent works for    5. A list of the recent properties they have sold    6. Awards    7. Links to their social media sites (if applicable) 2. I can view the properties which have been assigned to me 3. I can update the viewing times of each of my listings. | | | |
| **Notes** |  | | |

Property owner

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| **Story** | **US10 – Creating a Property Owner account** | **Priority:** | **Story Points:** |
| **Who** | **Property owner** | | |
| **What** | I want to be able to create an Property Owner account type | | |
| **Why** | So that I can logon and access the Property Owner portal | | |
| **Pre-Condition** | System Administrator must enter the Property Owners email address for verification | | |
| **Post Condition** |  | | |
| **Acceptance Criteria** | | | |
| 1. I can create an account with my work email address and associated password 2. Before I can account an account, I must be verify my account. A corresponding email will be sent to the designated email address in which the user must select the “verify account button”. 3. The homeowner will be directed to the Property Owner screen | | | |
| **Notes** | The system Administrator can optionally allow to home owners to create accounts  All details will be secured by SHA-256 password hashing algorithm | | |

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| **Story** | **US11 – Creating a Property Owner account** | **Priority:** | **Story Points:** |
| **Who** | **Property owner** | | |
| **What** | When accessing the property owner portal, I want to be able to maintain the details of my properties | | |
| **Why** | So that I can update the details of my property myself | | |
| **Pre-Condition** | System Administrator must input my email address in the database | | |
| **Post Condition** |  | | |
| **Acceptance Criteria** | | | |
| 1. I can logon using the email and password from the account I created 2. I can view/edit/upload the following details of my property:    1. Photos (maximum of 10)    2. Monthly, fortnightly, weekly rent repayment    3. Synopsis of property | | | |
| **Notes** | The Home Owner email must be inputted into the database for login verification  All details will be secured by SHA-256 password hashing algorithm | | |

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| **Story** | **US12 –System Administrator portal** | **Priority:** | **Story Points:** |
| **Who** | **System Administrator** | | |
| **What** | When accessing the System Administrator role, I can only enter/update/delete property data | | |
| **Why** | So that I have full access and control of the content of each listing | | |
| **Pre-Condition** | David’s email address and password will be applied at implementation for him to be able to loign | | |
| **Post Condition** |  | | |
| **Acceptance Criteria** | | | |
| 1. I can login with the System Administrator username and password 2. I can enter/update/delete the property details described in (US03, US04, US05, US06) 3. I can assign an agent to a property 4. I cannot delete agent portfolio details 5. I can view the tenant details 6. I can view the rent repayment of each listing 7. I can view which agents are associated to which property | | | |
| **Notes** | At implementation David will be assigned the System Administrator with his username and chosen password | | |

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| **Story** | **US13 – Prospective tenant(s) - Database design** | **Priority:** | **Story Points:** |
| **Who** | **System Administrator** | | |
| **What** | I want to be able to access prospective tenant(s) details | | |
| **Why** | So that I can keep an audit trail of details, documents and contracts | | |
| **Pre-Condition** | Must be assigned the System Administrator user role | | |
| **Post Condition** |  | | |
| **Acceptance Criteria** | | | |
| **Prospective tenant(s) details**   1. I can view/delete/upload prospective tenant(s) signed contracts into the database: 2. I can view all of his/hers details such as:    1. First name    2. Last name    3. Phone number(s)    4. Email    5. Property ID which the customer is associated with 3. I can view the rental contract details of each prospective tenant such as:    1. Start date of rent repayment    2. End date of rent repayment    3. Day of rent repayment    4. Frequency of rent repayment (monthly, fortnightly and weekly)    5. Property Data details (See US01) | | | |
| **Notes** |  | | |

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| **Story** | **US14 – Home Owner - Database design** | **Priority:** | **Story Points:** |
| **Who** | **System Administrator** | | |
| **What** | I want to be able to access Home owner details | | |
| **Why** | So that I can keep an audit trail of details, documents and contracts | | |
| **Pre-Condition** | Must be assigned the System Administrator user role | | |
| **Post Condition** |  | | |
| **Acceptance Criteria** | | | |
| **Home owner details**   1. I can view/edit/upload the following home owner details into the database:    1. First name    2. Last name    3. Phone number(s)    4. Email    5. Property ID which the home owner is associated with    6. Bank details 2. I can view/edit/upload contract documents | | | |
| **Notes** |  | | |

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| **Story** | **US15 – System Admin - Database design** | **Priority:** | **Story Points:** |
| **Who** | **System Administrator** | | |
| **What** | I want to be able to access tenant(s) details | | |
| **Why** | So that I can keep an audit trail of details, documents and contracts | | |
| **Pre-Condition** | Must be assigned the System Administrator user role | | |
| **Post Condition** |  | | |
| **Acceptance Criteria** | | | |
| **Tenant details**   1. I can view/edit/upload the following home owner details:    1. First Name    2. Last Name    3. Email 2. Property ID rented I can view/edit/upload contract documents | | | |
| **Notes** |  | | |

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| **Story** | **US16 – Contact Form – Database design** | **Priority:** | **Story Points:** |
| **Who** | **System Administrator** | | |
| **What** | I want to be able to access tenant(s) details | | |
| **Why** | So that I can keep an audit trail of details, documents and contracts | | |
| **Pre-Condition** | Must be assigned the System Administrator user role | | |
| **Post Condition** |  | | |
| **Acceptance Criteria** | | | |
| **Tenant details**   1. I can view/edit/upload the following home owner details:    1. First Name    2. Last Name    3. Email 2. Property ID rented I can view/edit/upload contract documents | | | |
| **Notes** |  | | |