

System Roles

Role 1 - Property Manager (David)

Role 2 - Property Owner

Role 3 - Property Management Staff

Role 4 - Current Tenant

Role 5 - Prospective Tenant

Story ID 01	User Interface	MoSCoW MUST	Priority 1	Points 5
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As a user of the website, I want to be presented with a clean and functional user interface, so that I may navigate the website with ease.

Acceptance Criteria

- Searched criteria and account management options are displayed at the top of every page, along with links to the website's home and search pages.
- Relevant pieces of information or fields are grouped closely so navigation is intuitive. Similarly, irrelevant information is not grouped.
- All pages containing property information provide links to the property owner and/or the property manager profiles, as well as quick access to their contact details.
- Clients are able to log in or out on any page, and are redirected to their previous page upon completion.
- Home page contains header that is consistent throughout all pages of the website.
- Header contains a login text box to allow users to log into their accounts.
- Header contains a registration button to allow new users to create an account.
- Header contains a search box to filter through property listings.
- Header contains links to other pages within website to provide a means of website navigation.
- Home page contains a scrollbox to view listed properties.

Notes

- Need to determine how many pages are necessary to perform all of our given functions.

Story ID 02	Property Listing	MoSCoW MUST	Priority 2	Points 6
As a user, I want to be able to view all listed properties, and filter said list with given options, so that I can view all available properties that meet my needs.				
<div>Acceptance Criteria</div> <ul style="list-style-type: none">- Properties that meet search criteria are displayed with location, availability date, price, features and housing type visible from the search results page.- Properties can be filtered from the search criteria by either inclusion or omission based off any of these criteria.- Users are given the option to sort results further by price, proximity or availability date.- Property listing page contains website header- Property listing page contains properties that can be viewed as individual pages.- Property listing page displays images of all listed properties in a scrollbox.				
<div>Notes</div> <ul style="list-style-type: none">- Largely UI based, with logic on filters being only real coding required.				

Story ID 03	Property Manager Access Level	MoSCoW MUST	Priority 3	Points 5
As the property manager, I want to be the only user with the authority to enter/update/delete property data, so that I can ensure data security and confidentiality.				
<div>Acceptance Criteria</div> <ul style="list-style-type: none">- Property managers are able to edit or update the details of any properties they manage from either the property page or their profile.- Property managers are able to add new properties to the website, or be assigned as a property manager by a property owner.- No other users besides other assigned property managers or David are able to access this functionality for a listing that a property manager controls.- Property managers are not able to assign other property managers to manage a property, this must be done by a property owner.- Property manager page contains website header.				
<div>Notes</div> <ul style="list-style-type: none">- How can users request to have modifications to their data?- Can users update personal details or must they go through manager?				

Story ID 04	Property Owner Details	MoSCoW MUST	Priority 4	Points 3
As a property owner, I want to have access to a personal portfolio, listing my details and any/all of my properties that are listed, so that I can manage my own properties with ease.				
<div>Acceptance Criteria</div> <ul style="list-style-type: none">- Property owners will have full access to their personal portfolio from their user page which will show their details and those of all the properties that they owned/own.- Property owners can view information regarding properties they own, such as the profiles of tenants, prospective tenants, and property managers.- Property owners are able to assign property managers to a property if they do not wish to manage it themselves, or remove one if necessary.- Property owners cannot perform these operations on properties that they do not own.- Property owner page contains website header.				
<div>Notes</div>				

Story ID 05	Tenants Details	MoSCoW MUST	Priority 5	Points 3
As a property management staff member, I wish to view each current tenant's full list of recorded details, so that I can retrieve information on each tenant when required.				
<div>Acceptance Criteria</div> <ul style="list-style-type: none">- Property management staff are able to view details on all current and prospective tenants for properties to which they are assigned.- Tenant profiles correctly show full name, phone number, email address, links to any properties they have applied to or expressed interest in, and their history of properties rented.- Tenants are able to edit their own user data freely and easily.- Tenants are able to access the status of any current or pending lease agreements from their profile, and view any information regarding the lease.- Tenant profile page contains website header.				
<div>Notes</div> <ul style="list-style-type: none">- Database to be used for data storage.				

Story ID 06	Staff Details	MoSCoW MUST	Priority 6	Points 3
As a property management staff member, I want to be able to see which properties are assigned to me so that I can interact with their potential and current tenants.				
<div>Acceptance Criteria</div> <ul style="list-style-type: none">- Staff accounts are able to view all property information for properties that have been allocated to them from the website owner, as well as the details of any current or prospective tenants.- Staff accounts record relevant credentials and contact information for each member of staff, including email address and telephone number.- Staff members are able to grant or revoke privileges to other account holders, but can perform some tasks autonomously, such as organising inspection timetables.- Staff page contains website header.				
<div>Notes</div>				

Story ID 07	Account Login	MoSCoW MUST	Priority 7	Points 6
As an account holder, I wish to be able to log into my profile, so that I can perform tasks related to my account.				
<div>Acceptance Criteria</div> <ul style="list-style-type: none">- Login and signup buttons are featured prominently at the top of all pages on the website. Performing either operation redirects the user to where they were previously.- The website supports secure connections and utilises data encryption to increase safety.- Passwords are censored automatically in all login and account creation fields.- Users are automatically logged out from their account after a moderate period of inactivity.				
<div>Notes</div> <ul style="list-style-type: none">- User defined passwords and usernames?- Plaintext or encrypted data storage?				

Story ID 08	Account Creation for Prospective Tenants	MoSCoW MUST	Priority 8	Points 4
As a user of the website, I would like to be able to create an account so that I may register for inspections.				
<div>Acceptance Criteria</div> <ul style="list-style-type: none">- New users are prompted to register their details in the system and create an account upon visiting the site for the first time.- A signup button is accessible at the top of every website page, and redirects the user to their previous page upon completion.- New users must supply a minimum of a contact email and/or a contact number in addition to their full name.- New users are not prompted to make an account after the initial visit, but will be once they can no longer progress through the registration process without one.				
<div>Notes</div>				

Story ID 09	Search Criteria	MoSCoW MUST	Priority 9	Points 5
As a prospective tenant, I want to be able to search for prospective properties based on the type of building, cost per week, location and if it is or is not furnished so I can find the property I want.				
<div>Acceptance Criteria</div> <ul style="list-style-type: none">- Properties can be sorted or filtered by suburb, price range, features (no. of bedrooms, bathrooms, carports, house type, furnishings, etc.), or searched upon by postcode.- Search functionality is accurate and does not return any false matches or exclude any matching properties.- Searchbox apperas in website header, accessible from all pages.				
<div>Notes</div> <ul style="list-style-type: none">- Searchable by property ID?- Binary or linear search algorithm?				

Story ID 10	Creating Inspection Times	MoSCoW MUST	Priority 10	Points 4
As a property management staff member, I want to be able to create time slots that prospective clients must register for to inspect a property.				
<div>Acceptance Criteria</div> <ul style="list-style-type: none">-- Property managers are able to create time slots for property inspections by visiting the page of any property they manage.- Multiple time slots for any one property manager that overlap cannot be created.- Time slots can be created for any period during business hours via a modified calendar view, or by manually entering the slot times.- A single property cannot have more than two 20 minute inspection sessions per week.				
<div>Notes</div>				

Story ID 11	Registering for Inspection	MoSCoW MUST	Priority 11	Points 2
As a prospective tenant, I want to see what times are available to me for property inspection, so that I can organise my own time to view a property I am interested in.				
<div>Acceptance Criteria</div> <ul style="list-style-type: none">- Inspection times are listed clearly on each property's listing page.- Prospective/current tenants cannot book for multiple inspections occurring simultaneously.- If a user is logged in they are able to register for an inspection by from the listing page, if they are not logged in they are prompted to either do so or register for a new account.				
<div>Notes</div>				

Story ID 12	Property Images	MoSCoW SHOULD	Priority 12	Points 3
As a user, I want to be able to see images of the property that I am interested in, so that I can gain an idea of the property's appearance prior to inspection.				
<div>Acceptance Criteria</div> <ul style="list-style-type: none">- Each property listing contains multiple internal photos of the property, displayed prominently at the top of the page- Images in the listings are be tagged to inform users which room they are viewing.- Images accompany each listing on the homepage and property listing page as a whole.				
<div>Notes</div> <ul style="list-style-type: none">- How will images be hosted?- How many images is each user allowed?				

Story ID 13	Email Notifications	MoSCoW COULD	Priority 13	Points 2
As an account holder, I wish to receive email notifications, so that I can be notified of events that interest me.				
<div>Acceptance Criteria</div> <ul style="list-style-type: none">- Users are notified quickly by an automated email service whenever they are to receive a notification regarding property availability, or other events that I am affected by .- Emails are sent only to the users' specified email addresses.- Emails are sent only for notifications the user requests, important information, or account/inspection verification so users are not spammed with promotional material.				
<div>Notes</div> <ul style="list-style-type: none">- What notifications warrant an Email?				

Story ID 14	User Identity Validation	MoSCoW SHOULD	Priority 14	Points 2
As the property manager, I want to ensure that users who sign up for property inspections are making legitimate requests so that my staff's time is not wasted.				
<div>Acceptance Criteria</div> <ul style="list-style-type: none">- Users who are not logged in are prompted to either log in or register for a new account if they attempt to book an inspection.- Account creation requires the user's full name and either an email address or phone number to complete.- Users are required to click a verification link in a confirmation email that is sent before any inspection times are finalised.				
<div>Notes</div>				

Story ID 15	Property Watchlist	MoSCoW COULD	Priority 15	Points 4
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As a prospective/current tenant, I want to be able to watch specific properties that I am interested in and be notified if anything is to change with these properties that I have on my watchlist, so that I can keep track of properties that I am interested in.

Acceptance Criteria

- Tenant are given the option when viewing any property listing to add that property to a watchlist unique to their account.
- Watchlisted properties provide an email notification to inform the user of any changes to availability, prices or lease length.
- Users are able to specify from their watchlist which of these criteria must be met before a notification email is sent.
- Property Watchlist page contains website header.

Notes

- Email notification or personal profile notification?

Story ID 16	Property Waitlist	MoSCoW COULD	Priority 16	Points 4
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As a prospective tenant, I want to be notified if any property becomes listed matching my criteria, so I can easily find a property I want.

Acceptance Criteria

- Tenant accounts should have access to a feature that allows them to specify certain criteria such as location, price, number of bedrooms, etc.
- Property listings that are created or modified which fall within these parameters alert the tenant with a notification email as containing a link to the property listing.
- Tenants can specify as many or as few criteria for notifications as they desire.
- Only property listings that match all specified criteria will send an alert to prospective tenants.
- Property Waitlist page contains website header.

Notes

- Assumes that current tenant specified criteria is not readily available, and as such, user must wait for property to show up that matches their criteria.
- Email notification or personal profile notification?

Story ID 17	Uploading Images	MoSCoW COULD	Priority 17	Points 3
As a property owner, I wish to be able to upload images of my property, so that I can keep the images of my owned properties current.				
<div>Acceptance Criteria</div> <ul style="list-style-type: none">- Property owners are able to upload images for the listings of any properties they own, either during the listing creation, or afterwards from the listing page itself.- Property owners cannot upload images for properties they do not own, and other users cannot upload images for property listing they do not own.				
<div>Notes</div> <ul style="list-style-type: none">- Should image uploads be requested or just uploaded without validation from a staff member? How do we ensure that images are current and accurate.- Where will images be stored?				

Story ID 18	Current Tenant Lease Information	MoSCoW COULD	Priority 18	Points 4
As a current tenant, I want to be able to see the duration of my lease and be able to see when rent payments are due for my property so I can have easy access to this information if I need it.				
<h3>Acceptance Criteria</h3> <ul style="list-style-type: none">- Tenants are able to view from links in their profile detailed information about their current lease agreement such as start and finish dates, weekly payment amount, payment interval, account payable, property listing of their rental, property manager of the property, and the date their next payment is due.- Tenants are also able to access a rental ledger so they can monitor all previously made payments towards their rental account.				
<h3>Notes</h3> <ul style="list-style-type: none">- Should these documents be readily available and linked to each profile, or should it be a request/receive process? Individual assignment of each document will be time consuming, as documents are everchanging...				

Story ID 19	Advertisement Location	MoSCoW MUST	Priority 19	Points 1
As the property manager, I want to be able to use Gumtree to list the properties, but still link back to the property management website, so that my website can be advertised through my already successful Gumtree property management.				
<div>Acceptance Criteria</div> <ul style="list-style-type: none"> - Gumtree listings provide links to the correct external page on the property management website. - Gumtree listings are primarily used to direct users to the new site, as all processing done externally by property management website. - Any information displayed on the Gumtree listing is consistent with what is shown on the property management website. - Gumtree listings should contain photos of the property and contact details for either the property owner, or the property manager who is in charge of the listing. 				
<div>Notes</div> <ul style="list-style-type: none"> - Hyperlink to be a part of David's Gumtree profile? - Each property will require a new hyperlink to be listed with each relative Gumtree advertisement 				