

Project Title : **RentaHome**

Project Type : **Web Application**

Project Manager :

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Product Backlog

ID	As a...	I want to be able to...	So that...	Priority	Sprint	Status
1	Visitor	Create an account (Signup, login)	I can access all the features of the website that provides	1	1-2	Completed
2	Visitor	See recent posts in the homepage	I can find vacant flats	2	2	Completed
3	Visitor/ Tenant	Search for flats	I can look for a suitable flat to live in	2	2-3	Completed
4	Lessor	Create posts	Potential tenants can know about my flat's vacancy	1	1-2	Completed
5	Lessor	Add photos of the flat	Potential tenants can have a better look at what they are renting	2	2	Completed
6	Lessor	Edit my posts (Update, Delete)	I can add or remove any details and keep my post up-to-date	2	3	Completed
7	Lessor/ Tenant	Customize my profile	Other users can see brief informations about me	3	4	In Progress
8	Lessor	Archive my posts	I can hide my posts when I find a suitable tenant	4	5-6	To be started

9	Lessor	Pay to pin post	My post can be pinned to the top of the page for maximum views	9		To be started
10	Tenant	Filter posts by location	I can look for flats in a specific area	3	3	Completed
11	Tenant	Filter posts by budget	I can look for flats according to my budget	3	4	Completed
12	Tenant	Filter posts by size(sqft)	I can have an idea how big the flat is	3	4	Completed
13	Tenant	Contact the lessor	I can let the lessor know that I'm interested in the flat	2	3-4	Completed
14	Tenant	Like a post if I like it	I can easily look up the post later when I need it	5	6-7	Completed
15	Tenant	See the location in google maps	I can easily get a clear idea of the place using street view	10		To be started
16	Tenant	View the lessor's profile	I can learn about the lessor more	4	6	Completed
17	Lessor/ Tenant	Log out from the website	No one other than me can access my account	6	2	Completed
18	Lessor/ Tenant	Contact admins	I can report an issue	3	5	In progress

19	Admin	Remove a post	If a post is not up to standard or not following the rules it can be deleted	8	7-8	In progress
20	Admin	Ban a user	If someone breaks the site rules they can be forbidden from using it	8	7-8	In progress
21	Admin	Pin a post to the top	I can pin posts of a paying lessor to the top	9		To be started
22	Admin	Create and Update Web Pages	I can update web pages, add features to the site and add content or tweak the layout	7	7	Completed
23	Admin	Contact users	When a user reports an issue, I can provide customer support	3	5	In progress

Sprint - 01 Backlog

ID	User Story	Tasks	Day 01	Day 02	Day 03	Day 04	Day 05	Day 06	Day 07
1	As a Visitor, I want to be able to create an account so that I can access all the features the website provides	Design registration form UI	2	1					
		Write code for user registration interface		1	1				
		Design login portal UI			2	1			
		Writing code for login portal interface				1			
		Create back-end code for website database				3	1		
		Create database to store user information					2		
		Connection of registration/login with database					1	2	
		Write code to verify user login						1	
		Test the registration and login page							1
4	As a Lessor, I want to be able to create posts so that potential tenants can know about my flat's vacancy	Create a form with fields including necessary details to act as a post		1					

		Design UI for post form		1					
		Write code for post form			2	1			
		Create database to save the data from post form				1	2		
		Write code for storing post information in database						2	
		Update back-end to work with new database						1	
		Test post creation							1

Sprint - 02 Backlog

ID	User Story	Tasks	Day 01	Day 02	Day 03	Day 04	Day 05	Day 06	Day 07
2	As a visitor, I want to be able to see recent posts in the homepage so that I can find vacant flats	Create flowchart design to sort all posts according to posting date	.5						
		Write back-end code for sorting posts according to date	1	.5					

		Design the webpage for visitors to browse posts			.5				
		Creating connection to database so that unregistered users can view posts				1	.5		
		Test viewing recent posts as a visitor						.5	
		Fix bugs or any other problems in the code							1
3	As a visitor, I want to be able to search for flats so that I can look for a suitable flat to live in	Design UI for the visitors to search specific keywords		1.5					
		Write code to make the posts in the database Keyword sensitive			1				
		Create a connection to make post list in the database available to visitors				.5			
		Create connection between the search UI and the back-end					.5		
		Write code to hide a registered user's features from visitors						1	
		Test the search option both as a registered user and a visitor						.5	
		Fix bugs or any other problems in the code							1

5	As a lessor I want to be able to add photos of the flat so that potential tenants can have a better look at what they are renting	Create database to store photos for specific posts	0.5						
		Create UI to add picture to post	1						
		Write backend code to store uploaded pictures			1	.5			
		Connect front-end and back-end to store the uploaded photos					1		
		Design UI and write code to view pictures uploaded for specific post						1	
		Test uploading and viewing pictures							.5
		Fix bugs or any other problems In the code							1

Sprint - 03 Backlog

ID	User Story	Tasks	Day 01	Day 02	Day 03	Day 04	Day 05	Day 06	Day 07
6	As a lessor, I want to be able to edit posts so that I can add or remove any details and keep my post up-to-date	Create a UI for the owner of the post to allow edit	.5						
		Write backend code that allows original owner of the post to modify post values in the database		1					
		Write code to connect front-end and back-end		.5					
		Test post update			.5				
		Fix bugs or any other problems In the code				.5			
13	As a tenant, I want to be able to contact the lessor so that I can let the lessor know that I'm interested in the flat	Create a UI for registered users to comment on a lessors post	1						
		Write back-end code to store comments		.5					
		Create UI for lessor to view comments			1				

		Test commenting on post and viewing post				.5			
		Fix bugs or any other problems In the code				.5			
10	As a tenant, I want to be able to filter posts by location so that I can look for flats in a specific area	Create a dropdown menu and add options to select to filter by (i.e. Price, Location)			.5				
		Write code to make the values in database sensitive to options				.5			
		Write code to filter sensitive data and sort them					1		
		Connect front-end with back-end and present the data to user					.5		
		Test post filter						.5	
		Fix bugs or any other problems In the code						.5	

Sprint - 04 Backlog

ID	User Story	Tasks	Day 01	Day 02	Day 03	Day 04	Day 05	Day 06	Day 07
11	As a tenant, I want to be able to filter posts by budget so that I can look for flats according to my budget	Add option in the dropdown menu to sort by price	.5						
		Write code to make the values in database sensitive to options		.5					
		Write code to filter sensitive data and sort them			1				
		Connect front-end with back-end and present the data to user			.5				
		Test post filter				.5			
		Fix bugs or any other problems In the code				.5			
12	As a tenant, I want to be able to filter post by size (sqft) so that I can have an idea how big the flat is	Add option in the dropdown menu to sort by sqft		.5					
		Write code to make the values in database sensitive to options			.5				
		Write code to filter sensitive data and sort them				1			

		Connect front-end with back-end and present the data to user				.5			
		Test post filter					.5		
		Fix bugs or any other problems In the code					.5		
7	As a lessor, I want to be able to customize my profile so that other users can see brief informations about me	Create a UI for the lessor so that they can edit, add, remove information from their profile				1			
		Make necessary changes to the code so that it allows lessor to to make changes to their profile information in the database					1.5		
		Write code to connect UI and the database to user profile customization (Change and save migration, update Urls)						1	
		Test profile customization							.5
		Fix bugs or any other problems In the code							.5

Sprint - 05 Backlog

ID	User Story	Tasks	Day 01	Day 02	Day 03	Day 04	Day 05	Day 06	Day 07
18	As a lessor/tenant, I want to be able to contact admins so that I can report an issue	Create a form for the "Contact Admin" page to receive queries	.5						
		Design "Contact admin" page UI and implement CSS	2						
		Add urls of admin's contact information in the HTML file		.5					
		Test the form creation and submission		.5					
		Fix bugs or any other problems In the code		.5					
23	As an admin, I want to be able to contact users so that when a user reports an issue, I can provide customer support	Allow admins to view users email and phone no.			1				
		Add admins as staff			.5				
		Test contacting users				.25			
		Fix bugs or any other problems In the code				.5			

8	As a lessor, I want to be able to archive my posts so that I can hide my posts when I find a suitable tenant	Write code to allow user to archive own post and hide post from other users					1		
		Create UI to archive user post and implement necessary CSS						2	
		Connect front-end with back-end to archive user post					.25		
		Test post archiving							.25
		Fix bugs or any other problems In the code							.5

Sprint - 06 Backlog

ID	User Story	Tasks	Day 01	Day 02	Day 03	Day 04	Day 05	Day 06	Day 07
16	As a tenant, I want to be able to view the lessors profile so that I can learn about the lessor more	Create a UI to view a user's profile		.5					
		Write code to show user data in the front-end		1					
		Allow all users to view each others profile			1				
		Test profile viewing			.5				
		Fix bugs or any other problems In the code			.5				
14	As a tenant, I want to be able to like a post if I like it so that I can easily look up the post later when I need it	Create a like button to like post in the UI		.5					
		Write back-end code to like a post			.5				
		Show liked post in each user's profile			.5				
		Connect back-end with front-end				.5			
		Test post saving				.5			

		Fix bugs or any other problems In the code				.5			
17	As a lessor/tenant, I want to be able to log out from the website so that no one other than me can access my account	Add logout option to the navigation bar in the UI	.25						
		Write logout code in the backend	.25						
		Write code so that user can only see the logout option if logged in	.25						
		Test the logout option	.25						
		Fix bugs	.25						

Sprint - 07 Backlog

ID	User Story	Tasks	Day 01	Day 02	Day 03	Day 04	Day 05	Day 06	Day 07
22	As an admin, I want to be able to create and update web pages so that I can update web pages, add features to the site and add content or tweak the layout	Edit and create posts on behalf of users from the Django admin site	.5						
		Create an update button of each user's posts in the UI	.5						
		Create form for updating a post		1					
		Test the update button							.5
		Fix errors							.5
19	As an admin, I want to be able to remove a post so that If a post is not up to standard or not following the rules it can be deleted	Delete a post from the Django admin site	.5						
		Create a delete button of each user's posts in the UI		.5					
		Write back-end code for deleting a post		.5					

		Testing the delete button			.5				
		Fix bugs and errors			.5				
20	As an admin, I want to be able to ban a user so that If someone breaks the site rules they can be forbidden from using it	Delete a user account from the Django admin site				.5			
		Create a delete button beside each user's profile in the UI					.5		
		Write code to delete an account					.5		
		Connect front-end with back-end					.5		
		Testing the delete user option						.5	
		Fix bugs						.5	