

Task Name		May 19							May 26							Jun 2							Jun 9							Jun 16							Jun 23							Jun 30						
		S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S							
1	<div><div></div>Space Share</div>								<div></div>																																									
2	<div><div></div>Sprints</div>								<div></div>																																									
3	<div><div></div>Sprint 1</div>								<div></div>																																									
4	<div><div></div>Environment Setup</div>																																																	
5	<div>Configure development environments for frontend (Angular) and backend.</div>																																																	
6	<div>Install Angular CLI for frontend development.</div>																																																	
7	<div>Set up NestJS for backend development.</div>																																																	
8	<div><div></div>Database Design</div>																																																	
9	<div>Define database schema based on project requirements.</div>																																																	
10	<div>Create entity-relationship diagrams (ERDs) for database tables.</div>																																																	
11	<div>Determine data types, constraints, and relationships.</div>																																																	
12	<div><div></div>Feature Implementation: Homepage (Property Browsing)</div>																																																	
13	<div>Develop homepage layout with search bar or browse option for property listings</div>																																																	
14	<div>Implement basic filtering options (e.g., location, price range, property type).</div>																																																	
15	<div>Display essential details (property type, location, price, key features) for property listings.</div>																																																	
16	<div>Enable users to click on listings for more detailed information and photos.</div>																																																	
17	<div><div></div>Testing Tasks</div>																																																	
18	<div>Set up testing environment for frontend and backend.</div>																																																	
19	<div>Conduct smoke testing to verify basic functionalities of property browsing.</div>																																																	
20	<div><div></div>Sprint 2</div>								<div></div>																																									

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<div><div></div>Feature Implementation: User Registration and Authentication</div>																																																																																				
Develop user registration form with validation for required fields.																																																																																				
Implement secure authentication system with password encryption.																																																																																				
Send verification email with OTP for account confirmation.																																																																																				
<div><div></div>Testing Tasks</div>																																																																																				
Write unit tests for frontend and backend components related to user registration and authentication.																																																																																				
Conduct integration testing for user registration and login processes.																																																																																				
Perform sanity testing to ensure critical features are operational.																																																																																				
<div><div></div>Sprint 3</div>																																																																																				
<div><div></div>Feature Implementation: Profile Management</div>																																																																																				
Create user profile page for managing personal details.																																																																																				
Enable users to update their name, email, and password.																																																																																				
Implement error handling for profile update operations.																																																																																				
<div><div></div>Database Integration</div>																																																																																				
Integrate backend APIs with the database for user profile management																																																																																				
Implement data retrieval and update operations for user profiles.																																																																																				
<div><div></div>Testing Tasks</div>																																																																																				
Conduct unit testing for frontend and backend components related to profile management.																																																																																				

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	Perform exploratory testing to uncover any potential vulnerabilities in authentication mechanisms.																																																	
- Sprint 4																																																		
	- Feature Implementation: Wishlist Management																																																	
	Add "Add to Wishlist" button to property listing pages.																																																	
	Allow users to view and manage their wishlist from their profile.																																																	
	Implement functionality to remove listings from the wishlist.																																																	
- Database Integration																																																		
	Integrate backend APIs with the database for wishlist management																																																	
	Implement data retrieval and update operations for user wishlists.																																																	
- Deployment Preparation																																																		
	Prepare deployment packages for frontend and backend.																																																	
	Conduct pre-deployment checks and validations.																																																	
- Testing Tasks																																																		
	Perform sanity testing to ensure critical features are operational.																																																	
	Evaluate system performance under varying loads of wishlist operations - Load Testing																																																	
- Sprint 5																																																		
	- Deployment (Frontend and Backend)																																																	
	Deploy finalized frontend code to production servers.																																																	
	Ensure seamless integration with backend systems.																																																	

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	Monitor application performance and stability in the production environment.																																																	
<div><div></div></div>	User Acceptance Testing (UAT)																																																	
	Gather feedback and address any issues identified during UAT																																																	
<div><div></div></div>	Documentation																																																	
	Update project documentation with final deployment details																																																	
	Prepare user manuals and guides for the deployed system.																																																	
<div><div></div></div>	Testing Tasks																																																	
	Perform exploratory testing to uncover any potential vulnerabilities in authentication mechanisms.																																																	
	Unit testing for both frontend and backend components																																																	
	Integration testing to verify the interaction between different modules																																																	
<div><div></div></div>	Sprint 6																																																	
<div><div></div></div>	Project Review																																																	
	Conduct a project review to identify lessons learned and areas for improvement																																																	
	Account Number Validation																																																	
<div><div></div></div>	Project Closure																																																	
	Formalize project closure activities																																																	
	Prepare and monitor the system for upcoming defense																																																	