## **TASK 1B: USER REQUIREMENTS**

This table lists the various roles, activities, and limitations of the main users of the real estate search application.

- Property buyers use the platform to explore listed properties through map-based searches and apply filters to tailor results to their preferences. View property details, save your favourite searches, and receive timely notifications of new listings. However, property buyers' interaction is limited to viewing and saving properties, and there is no direct interaction with the seller.
- Property sellers play an important role in listing properties for sale or rent by providing comprehensive details and photos to attract potential buyers and renters. Through the platform, you can also communicate with interested parties, arrange property viewings, and receive inquiries.
- Administrator monitors users' accounts, manages property lists, resolves disputes, and monitors system performance. Although they are empowered to effectively manage the platform, they do not participate in direct real estate transactions and do not have access to individual user data.
- Real estate agents assist property seekers, negotiate terms, update offers, and coordinate property viewings, but within the scope of their assigned offer and do not have access to back-end management.

Each user group makes a unique contribution to the ecosystem, ensuring a seamless and efficient property search tailored to the diverse needs of users.

Property Buyer  - Search for properties - Apply filters to refine search results - View property details and photos - Save favourite searches - Receive notifications for new listings - List properties for sale or rent - Provide property details and photos - Cannot directly contact sellers  - Limited to managing their own listings - List properties for sale or rent - Limited to managing their own listings - Communicate with potential buyers/renters - Receive notifications for inquiries - Schedule property viewings - Assist property seekers in finding suitable properties - Negotiate terms between buyers and sellers/landlords - Update property listings - Track client interactions and inquiries - Coordinate property viewings - Manage user accounts - Moderate property listings - Resolve disputes between users - Cannot access other agents' clients - Imited to viewing sellers - Cannot directly contact sellers - Limited to managing their own listings - No access to backend administration - No access to backend administration - Cannot access to backend administration - No access to backend administration - Cannot access other agents' clients - No access to financial transactions - No access to financial transactions - Ensure compliance with terms of service - Limited to administrative tasks - Ensure compliance with terms of service - Limited to administrative tasks - Cannot engage in property transactions - Cannot access individual user data	User Role	Activities	Limitations
Buyer  - Apply filters to refine search results - View property details and photos - View property details and photos - Save favourite searches - Receive notifications for new listings - List properties for sale or rent - Provide property details and photos - Provide property details and photos - Provide property details and photos - Communicate with potential buyers/renters - Receive notifications for inquiries - Assist property esekers in finding suitable properties - Negotiate terms between buyers and sellers/landlords - Update property listings - View property listings - No access to backend administration - Limited to administrative transactions - No access to financial transactions - No access to backend administrative transactions - No access to backend administrative transactions - No access to backend administrative transactions - Connot engage in property transactions - Cannot engage in property transactions - Cannot access individual user data			
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- Resolve disputes between users - Cannot engage in property transactions  - Monitor system performance - Cannot access individual user data	Administrator	- Manage user accounts	
- Monitor system performance - Cannot access individual user data		- Moderate property listings	
user data		- Resolve disputes between users	
- Generate reports on user activity		- Monitor system performance	
		- Generate reports on user activity	