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.

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