# **TASK 1B: USER REQUIREMENTS**

The table outlines the diverse roles, activities, and limitations of the primary users within our property search application.

* Property buyers utilize the platform to explore listed properties through map-based searches, applying filters to tailor results to their preferences. They can view property details and photos, save favourite searches, and receive timely notifications for new listings. However, their interactions are limited to browsing and saving properties, without direct communication with sellers.   
  Property Sellers play a pivotal role in listing properties for sale or rent, providing comprehensive details and photos to attract potential buyers or renters. They can also communicate with interested parties, schedule property viewings, and receive inquiries through the platform.
* Administrators oversee user accounts, moderate property listings, resolve disputes, and monitor system performance. While empowered to manage the platform effectively, they do not engage in direct property transactions and cannot access individual user data.
* Real Estate Agents assist property seekers, negotiate terms, update listings, and coordinate property viewings, albeit within the constraints of assigned listings and without access to backend administration.

Each user group contributes uniquely to the ecosystem, ensuring a seamless and efficient property search experience tailored to the diverse needs of our users.

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| 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 |  |