# 2. Use Cases:

**2.1.** ***Listing Agent posts listings for sale***

Company A recently completed construction of new apartments near the university and would like to sell the apartments. Major steps identified are:

1. Company creates an account if company is a new to the application.
2. Company creates listing agents and listing agents create new advertisement in the application and add all new property details.
3. After approval the properties are available to all users.

**2.2.** ***User browses, searches and filters among all listed properties for buying***

Aleks moves to a city for his job. He wants to buy an apartment and wants to be sure that the apartment has stable internet. Major steps identified are:

1. Aleks creates an account (if he doesn't have any) or logs in to the system.
2. From all the properties available he would narrow down his search results with all the amenities he needed also sorts in such a way it's giving cheapest one first.

**2.3. *User wants to buy the user’s preferred apartment***

An elderly couple (Mr. and Mrs. Müller) decided to move to a different city with better healthcare facilities. They would like to buy an apartment that is suitably located and elderly friendly. Major steps identified are:

1. Mrs.Müller creates an account (if she doesn't have any) or logs in to the system.
2. From all the properties available she would narrow down her search results to find one apartment near a hospital.
3. Once she finds the right apartment for her, she would contact the listing agent using the messaging service of the application to finalize the deal.

**2.4.** ***Company wants to track sales for the last quarter***

Company A wants to track the sale for the last quarter and generate a report to submit to the auditors.

1. Company’s ‘Administrator’ logs in to the application.
2. In the dashboard, the administrator will be able to see a visual representation of the sales for the last quarter.
3. The administrator can use the “Generate Report” function to generate and download a pdf report.