USE CASE DIAGRAM - REAL ESTATE LISTINGS SYSTEM

GROUP 22

REAL ESTATE LISTINGS SYSTEM

SELLER / SELLER AGENT

BUYER / BUYER AGENT

SCHEDULE

BUYER / BUYER AGENT

SELLER / SELLER AGENT

MANAGE LISTING

RENEW LISTING

ARCHIVE LISTING

SEND REPORT

VIEW LISTING

REQUEST INFORMATION

REQUEST SHOWING

REQUEST REPORT
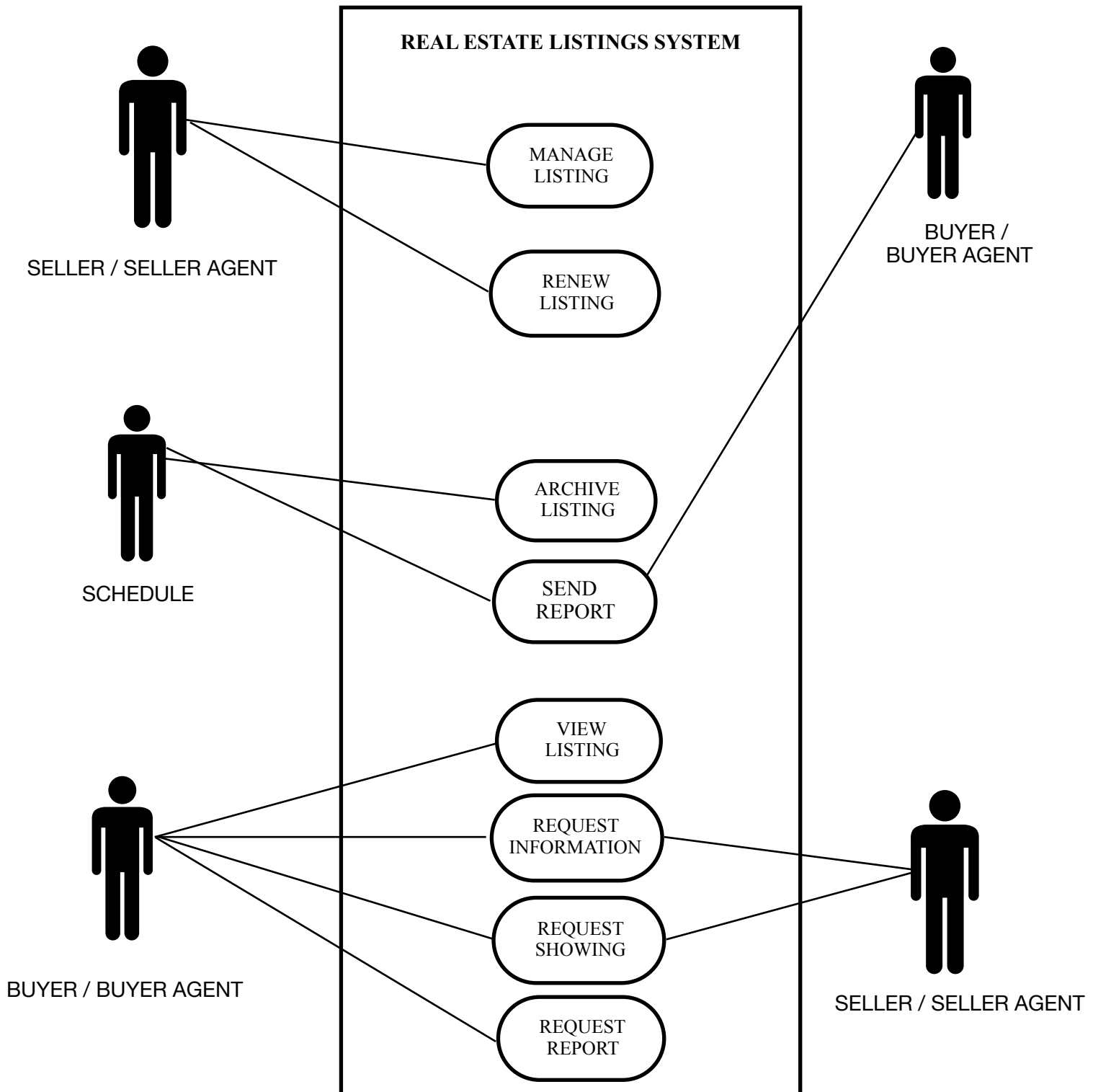
DESCRIPTION:

System description

System	Description
Real Estate Listing System	Online platform that enables Buyers/Buyer Agents and Sellers/ Seller Agents to view and access listings. Buyers/Buyer Agents will be able to book showing for the listing. Sellers/Seller Agents will be able to manage their listings.

Actor Description

Actor	Description
Buyers/Buyer Agents	A client who accesses the listing system to view listing, request information, request to book a showing and search reports.
Sellers/Seller Agents	An end user who uploads, manage, archive and renew listing in the listing system
Schedule	A backend system that automatically sends the potential showing times and will book showing according to the agreed time.

Use Case Description

Use Case ID	Use Case	Description
UC01	Manage Listing	The Seller/Seller Agent can create, update and delete real estate listing by providing property information.
UC02	Archive Listing	Schedule archives the listing every 3 months (like 90 days) where it moves the listing to 'inactive' status.
UC03	Renew Listing	Seller/Seller Agent can renew a listing that was archived/inactive status.
UC04	Send Report	Schedule sends report to Buyer/Buyer Agent for the properties matching their search criteria at a pre-defined time interval.
UC05	View Listing	A process where the Buyer/Buyer Agent can view the listing in the Real Estate Listing System
UC06	Request Informatio n	Buyer/Buyer Agent can request more information about the details of the property.

| UC07 | Request Showing | Buyer/Buyer Agent can request to book a showing of the real estate listing. |
| UC08 | Request Report | Buyer/Buyer Agent can request a report on the property details at a pre-defined time interval. |