Use Case 1	Set Up New Residence
Actors	Housing Officer
Description	The Housing Officer is responsible new Residences, and thus for setting up information about a new residence that is ready for occupation. The residence ID, address, number of units available, size of each unit and monthly rental is recorded. The Units are created according to the number of units entered. The availability of each unit is set to "available".

Use Case 2	View Residences
Actors	Applicant
Description	The Applicant selects to view residences. For each residence, the residence ID, address, amenities, monthly rental, size of each unit and number of available units is shown.

Use Case 3	Submit Application
Actors	Applicant
Description	Before submitting an application for a unit, the Applicant will have to login or register by entering a username, password, full name, email and monthly income to create an account. (May need to submit copy of payslip to prove income). The applicant selects the residence to submit an application for, and the month and year that the unit is required. The applicant can select multiple residences and submit application. An application is created for the applicant and the status is set to "New"

Use Case 4	View Applications
Actors	Applicant, Housing Officer
Description	If the user is a Housing Officer, a list of applications with status "New" or "Waitlist" "Appeal Pending" for the Residence that the Housing Officer is responsible for is shown, showing the Residence ID, number of units available and monthly rental, applicant username, amenities, monthly income, month and year required. If the user is an Applicant, a list of applications that have been made by this Applicant is shown, showing the Residence ID, number of units available and monthly rental, and application status.

Use Case 5	Allocate Housing
Actors	Housing Officer
Description	The Housing Officer selects an application to allocate housing by selecting the residenceID, unitNo, fromDate and duration (12 months or 18 months) for the allocation. The status of the application is set to "Approved". The endDate of the allocation is automatically calculated. All other applications "New" or "Waitlist" from the same Applicant for the specific residence are set to "Rejected". If the Applicant is not eligible for rental, then all applications for that applicant are set to "Rejected". The Housing Officer may also set individual applications to "Waitlist". ["New" or "Rejected" Applications]

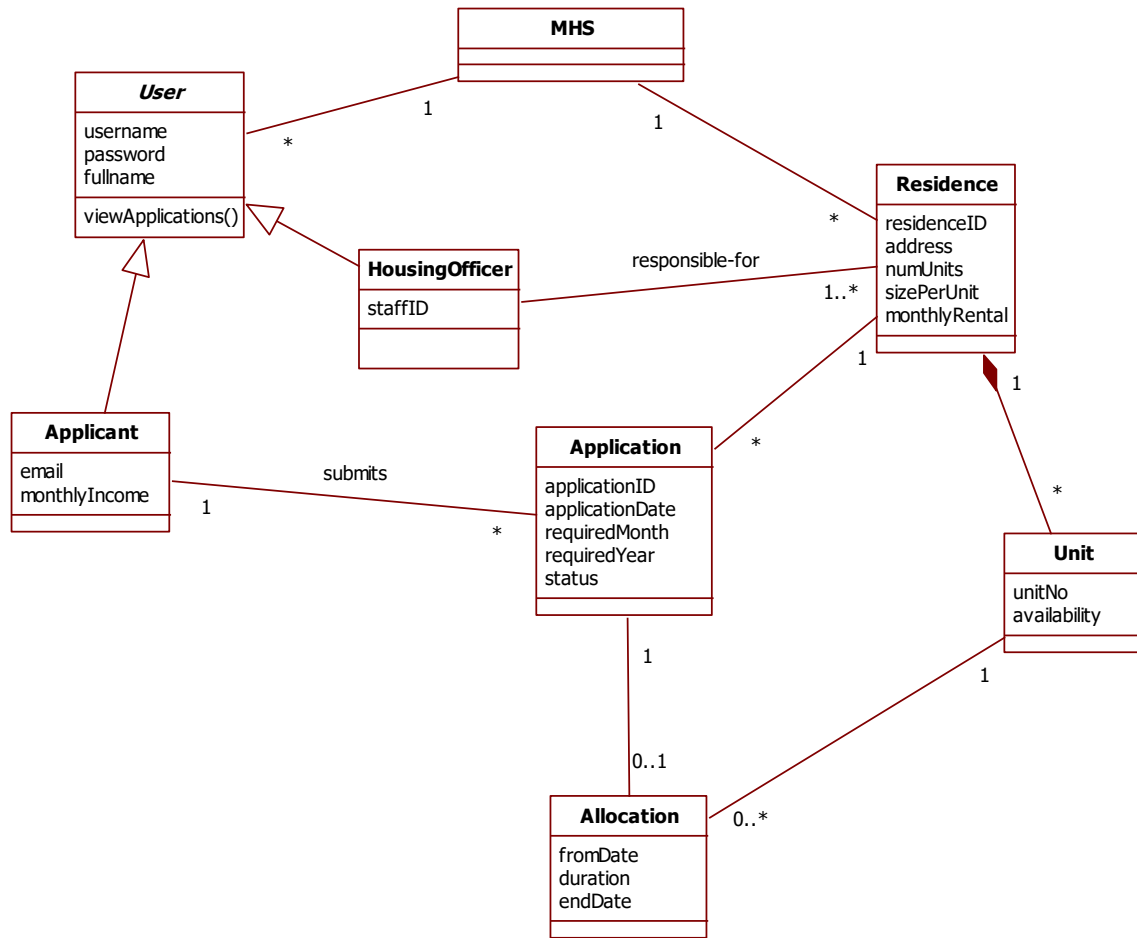| Use Case 6	Appeal Rejection
Actors	Applicant
Description	The applicant can Appeal for an application that has been Rejected earlier. The Applicant can submit additional documents like financial guarantor details, revised income etc. The Applicant can make the Appeal only once.

Figure 1: MHS Class Diagram

NOTE: The class diagram may not necessarily capture all the details required. Also Use case - 6 is not represented in the diagram.