| **Class** | **Description/Intention** |
| --- | --- |
| Login Class | Verifies the user to see if they exist or not and logs them in starting a front end session |
| NormalUser Class | Used to differentiate between an admin user and normal user |
| Admin Class | Used to differentiate between an admin user and normal user which also gives full permissions to create and delete users. |
| User Class | Inherits from either a NormalUser or Admin and the rest of the commands are listed under here. |
| Search Class | Search class is used for lookup of rental units with inputs of city, price, and bedrooms. |
| Post Class | Post class is used to create a listing with inputs of city, price, bedrooms, and sets the rental flag to false. |
| Rent Class | Rent class is used to rent a rental unit by inputting the rental ID and the number of nights. |
| RentalUnit Class | RentalUnit class is used to store the posted units with each unit having the city, price, bedrooms, a rental flag and a rental ID in order to classify each one. |