User	
Superclass :	
Subclass :	
Responsibilities	Collaborating Classes
Stores name of user Stores ID of user	

Login	
Superclass :	
Subclass :	
Responsibilities	
Authenticate ID	

Room	
Superclass :	
Subclass :	
Responsibilities	Collaborating Classes
Stores room no. Stores capacity of a room Stores projector option for a room Stores status of a room	

Cab	
Superclass :	
Subclass :	
Responsibilities	Collaborating Classes
Stores cab no.	
Stores cab driver name	
Stores cab type	
Stores capacity of a cab	
Stores status of a cab	

Book <>	
Superclass :	
Subclass : RoomBook , CabBook	
Responsibilities	Collaborating Classes
Check for validity of ID	User
Provide option for selecting a time slot	RoomDatabase
Cancel booking	CabDatabase
Provide option to check the status of booking	

RoomBook	
Superclass : Book	
Subclass :	
Responsibilities	Collaborating Classes
Give options for selecting room requirements Output list of available rooms based on requirements	User Book Room RoomDatabase

CabBook <>	
Superclass : Book	
Subclass : CabBookDistanceBased, CabBookTimeBased, CabBookDestinationBased	
Responsibilities	Collaborating Classes
Gives options to select basis of booking a cab	Book

CabBookDistanceBased	
Superclass : CabBook	
Subclass :	
Responsibilities	Collaborating Classes
Gives options for selecting cab requirements Provides option to input distance output fare Output list of available cabs based on requirements	User Cab CabBook CabDatabase

CabBookTimeBased	
Superclass : CabBook	
Subclass :	
Responsibilities	Collaborating Classes
Gives options for selecting requirements Provides option to take time input output fare Output list of available cabs based on requirements	User Cab CabBook CabDatabase

CabBookDestinationBased	
Superclass : CabBook	
Subclass :	
Responsibilities	Collaborating Classes
Gives options for selecting requirements Provides option to select destination output fare Output list of available cabs based on requirements	User Cab CabBook CabDatabase

AdminRoom	
Superclass :	
Subclass :	
Responsibilities	Collaborating Classes
Adds new rooms Evaluate requests	Room

AdminCab	
Superclass :	
Subclass :	
Responsibilities	Collaborating Classes
Adds new cabs	Room

RoomDatabase	
Superclass :	
Subclass :	
Responsibilities	Collaborating Classes
Stores all the room booking details in a file	User RoomBook Room

CabDatabase	
Superclass :	
Subclass :	
Responsibilities	Collaborating Classes
Stores all the cab booking details in a file	User CabBook CabBookDistanceBased CabBookTimeBased CabBookDestinationBased Cab

Driver	
Superclass :	
Subclass :	
Responsibilities	Collaborating Classes
Gives options to choose cab or room booking Gives login options (admin/user)	Roombook CabBook