

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

Login	
Superclass :	
Subclass :	
Responsibilities Authenticate ID	

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

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

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

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

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

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

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

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

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

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

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