

# Software Project

Project Name: Car Rental Management  
Software

Company: Sabanet Albania

Name Surname: Erisa Halipaj

Start date:01/10/2022

End date : 14/10/2022

## Document Summery :

Below you will find :

- Project Use cases
- ER diagram
- Class diagram

## *Use cases*

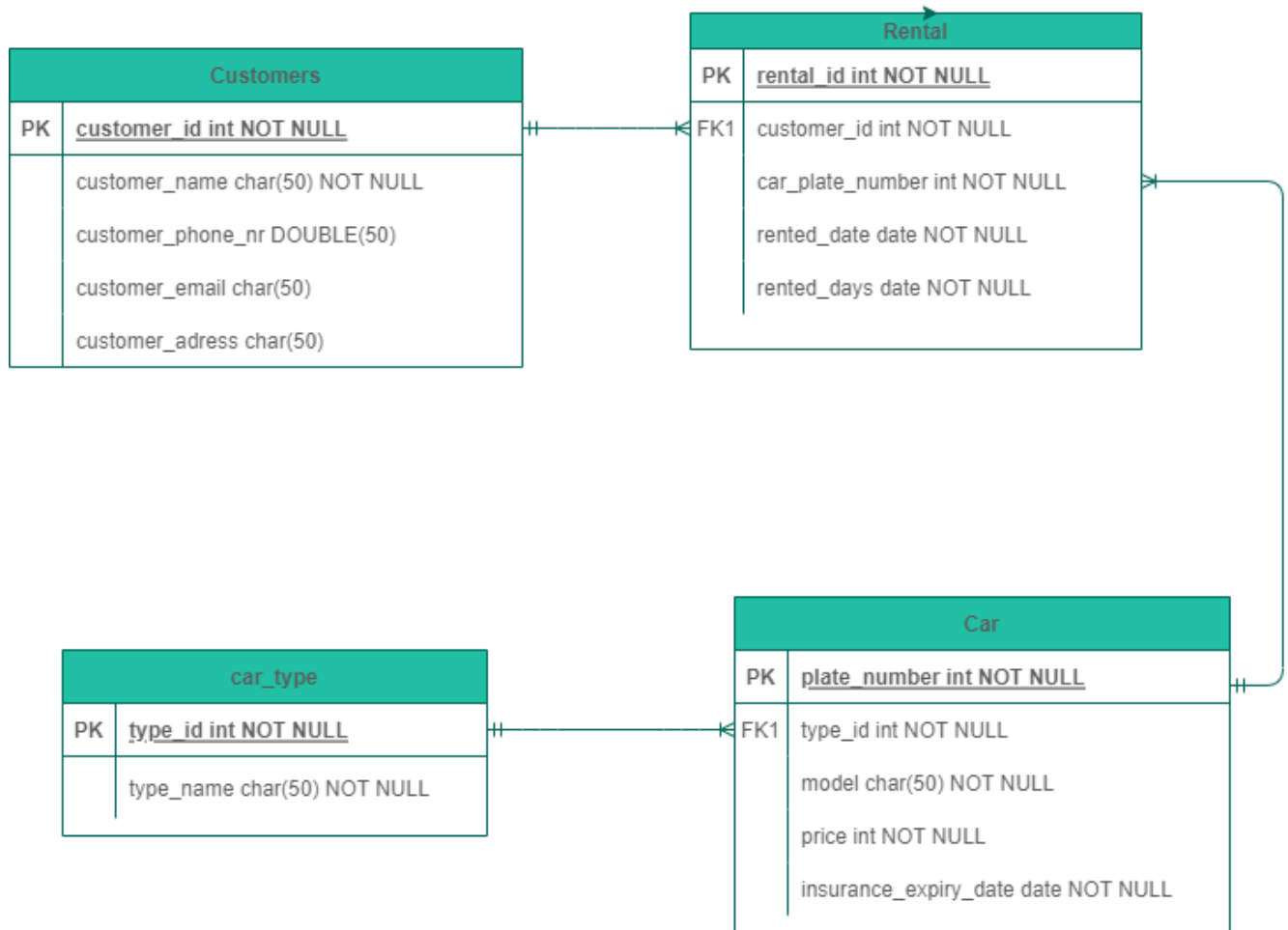
<i>UC Name</i>	<i>Uc1: view rented vehicles</i>
<i>Summary</i>	<i>List of rented vehicles on currentmonth.</i>
<i>Dependency</i>	<i>Uc1</i>
<i>Actors</i>	<i>User(car rental employee )</i>
<i>Preconditions</i>	<i>You should have an account.</i>
<i>Description of the Main Sequence</i>	<ul style="list-style-type: none"><li>● <i>The system should provide the user the information of the cars rented the current month.</i></li></ul>
<i>Description of the Alternative Sequence</i>	<ul style="list-style-type: none"><li>● <i>View rented vehicles on current month.</i></li><li>● <i>View all rented vehicles.</i></li><li>● <i>View unrented vehicles.</i></li></ul>
<i>Non functional requirements</i>	<i>Authorization will be given to user as an employee of this company, Since only company members are supposed to use this program and not customers.</i>
<i>Post conditions</i>	<i>User gets the list of vehicles rented.</i>

<i>UC Name</i>	<i>UC2:insurance list</i>
<i>Summary</i>	<i>Insurance list to be renewed.</i>
<i>Dependency</i>	<i>Uc1</i>
<i>Actors</i>	<i>User(car rental employee )</i>
<i>Preconditions</i>	<i>You should have an account.</i>
<i>Description of the Main Sequence</i>	<ul style="list-style-type: none"> <li><i>The system should provide the user with the ability to access insurance list that needs to be renewed.</i></li> </ul>
<i>Description of the Alternative Sequence</i>	<ul style="list-style-type: none"> <li><i>Insurances to be renewed</i></li> </ul>
<i>Non functional requirements</i>	<p><i>Authorization will be given to user as an employee of this company,</i></p> <p><i>Since only company members are supposed to use this program and not customers.</i></p>
<i>Post conditions</i>	<i>User gets the list of insurances to be renewed.</i>

<i>UC Name</i>	<i>Uc3: List depending on model type of the vehicle</i>
<i>Summary</i>	<i>List of vehicles depending on model type.</i>
<i>Dependency</i>	<i>Uc1</i>
<i>Actors</i>	<i>User(car rental employee )</i>
<i>Preconditions</i>	<i>You should have an account.</i>
<i>Description of the Main Sequence</i>	<ul style="list-style-type: none"> <li><i>The system should provide the user with the ability to access list of vehicles with same model type.</i></li> </ul>
<i>Description of the Alternative Sequence</i>	<ul style="list-style-type: none"> <li><i>List of vehicles depending on model type.</i></li> </ul>
<i>Non functional requirements</i>	<p><i>Authorization will be given to user as an employee of this company,</i></p> <p><i>Since only company members are supposed to use this program and not customers.</i></p>
<i>Post conditions</i>	<i>User gets the list of vehicles with same model type.</i>

<i>UC Name</i>	<i>Uc4: Customer information</i>
<i>Summary</i>	<i>Customer information will be shown depending on vehicle type they rented.</i>
<i>Dependency</i>	
<i>Actors</i>	<i>User(car rental employee )</i>
<i>Preconditions</i>	<i>You should have an account.</i>
<i>Description of the Main Sequence</i>	<ul style="list-style-type: none"> <li><i>The system should provide the basic information of a client that have rented a specific vehicle type.</i></li> </ul>
<i>Description of the Alternative Sequence</i>	<ul style="list-style-type: none"> <li><i>Choose vehicle type</i></li> </ul>
<i>Non functional requirements</i>	<p><i>Authorization will be given to user as an employee of this company,</i></p> <p><i>Since only company members are supposed to use this program and not customers.</i></p>
<i>Post conditions</i>	<i>List of basic customers information will be provided.</i>

# ER DIAGRAM



# CLASS DIAGRAM

