** **

**Phase2 Project Final SDS**

**Course Name : Software Engineering 1**

**Course Code : CS251**

**Project Name : Automated Parking Garage System**

**Leader Name : Nourhan Abdo Mohamed**

**Team Information**

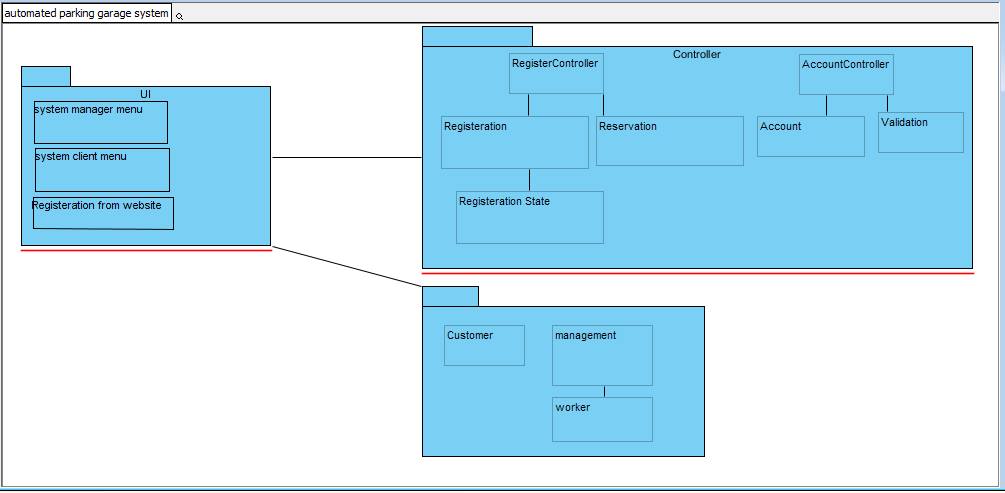
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| --- | --- | --- | --- |
| **Group** | **Email** | **ID** | **Name** |
| **G4** | [**medoali376@gmail.com**](mailto:medoali376@gmail.com) | **20120329** | **Mohamed Ali Ahmed** |
| **G4** | **nourhanabdo6@gmail.com** | **20120437** | **Nourhan Abdo Mohamed** |
| **G3** | **mahetab.dagher@gmail.com** | **20120288** | **Mahetab Saadony Kamel** |

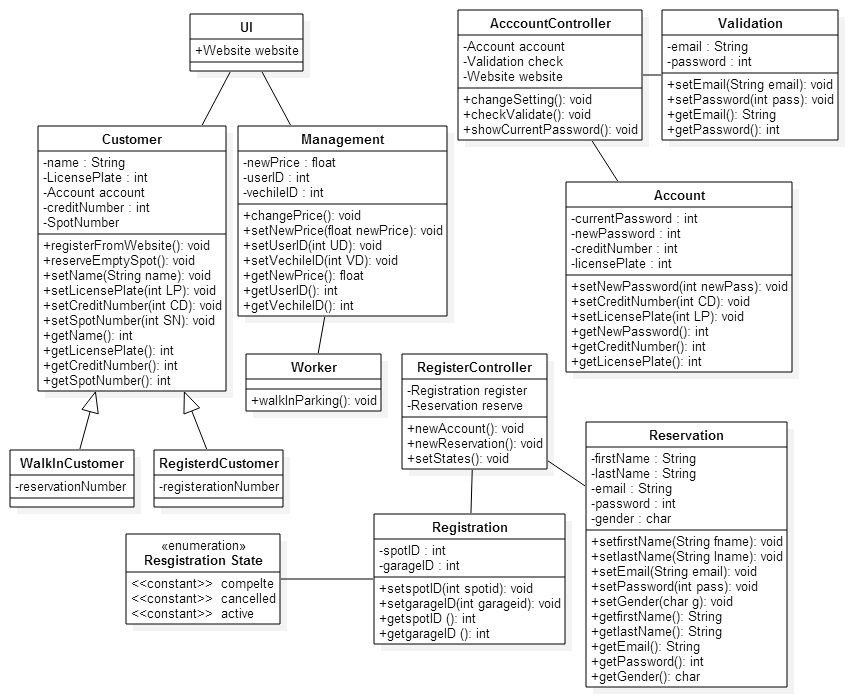
1 - Document Purpose and Audience :

**This document contains class diagram and sequences diagrams and GUI for customers and systems and system decomposition .**

**Audience :** **designers ,** **manager , developers , programmers , and workers.**

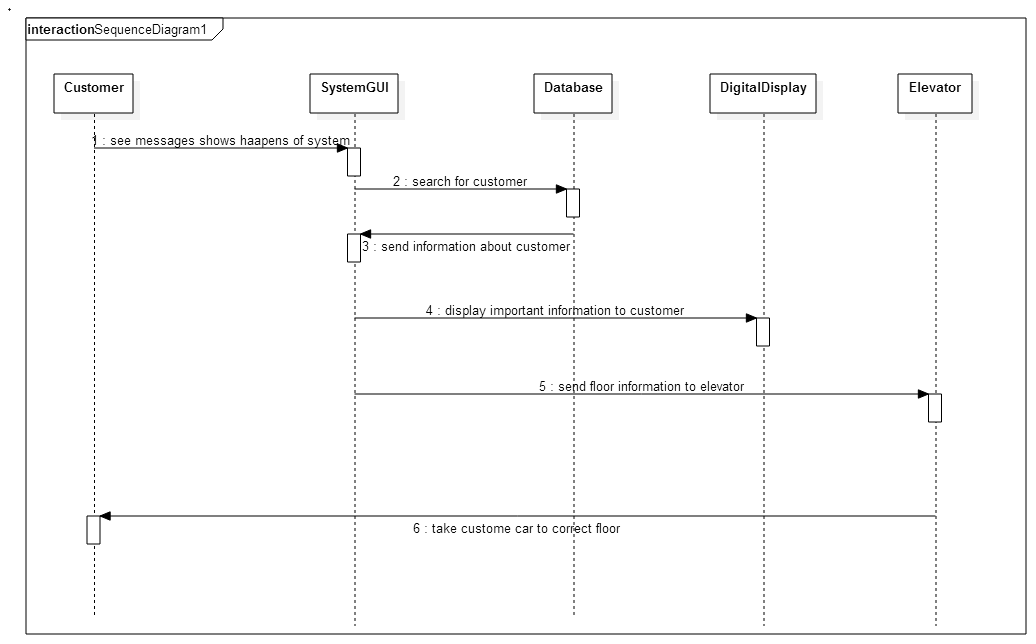
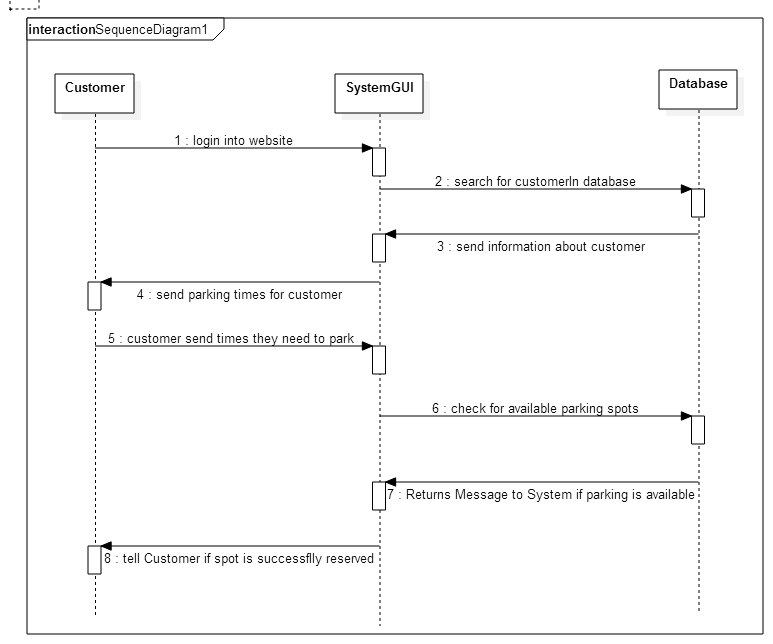
**1 – System Decomposition**

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2 - Class Diagram :**

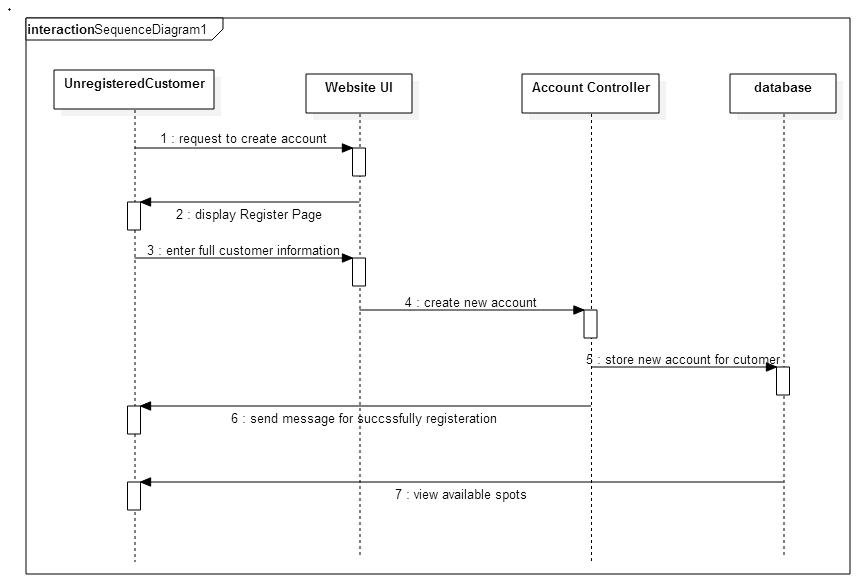
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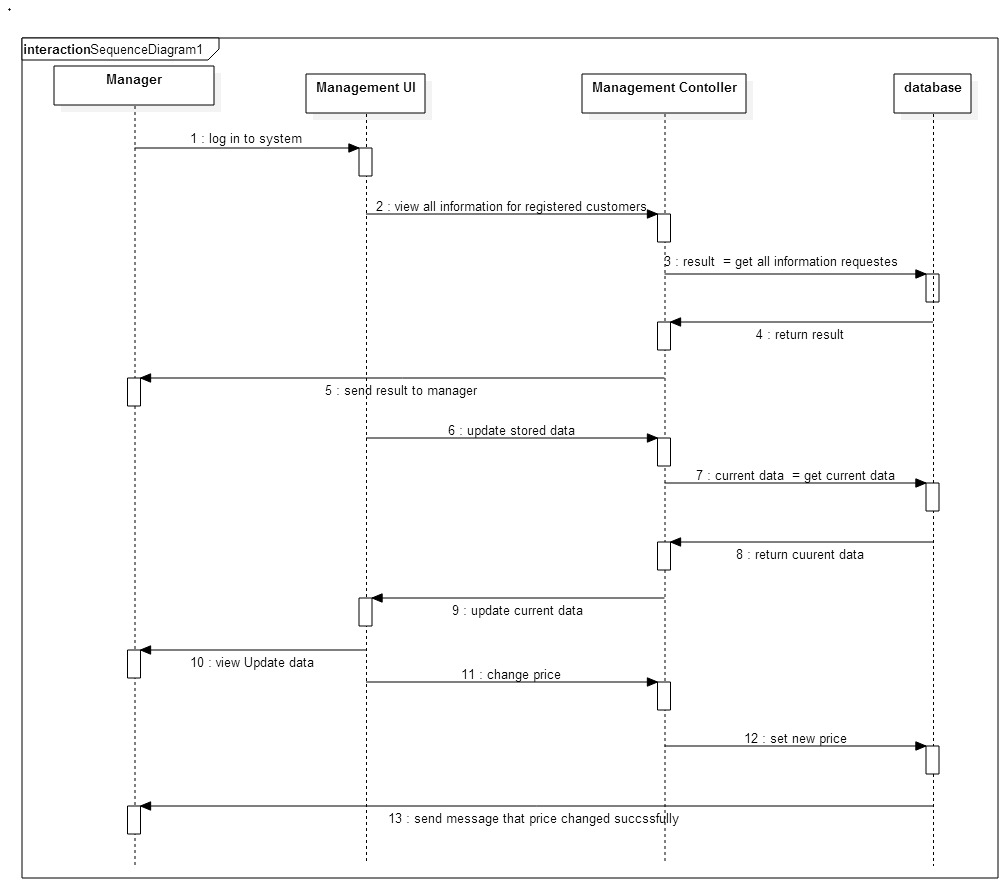
**3 – Classes Sequence :**

**3.1 – Walk In Sequence Diagram**

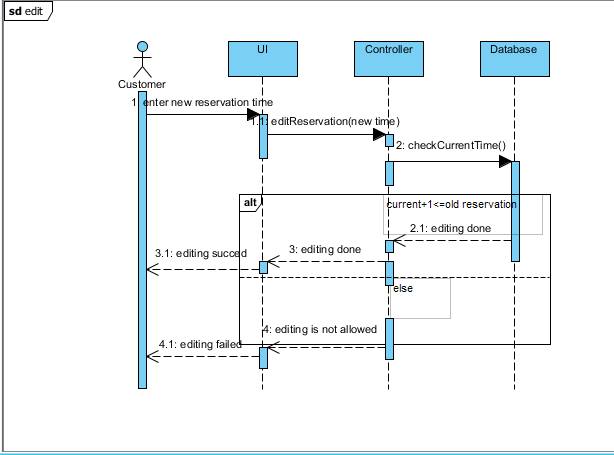
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3.2 - Reservation Sequence Diagram  
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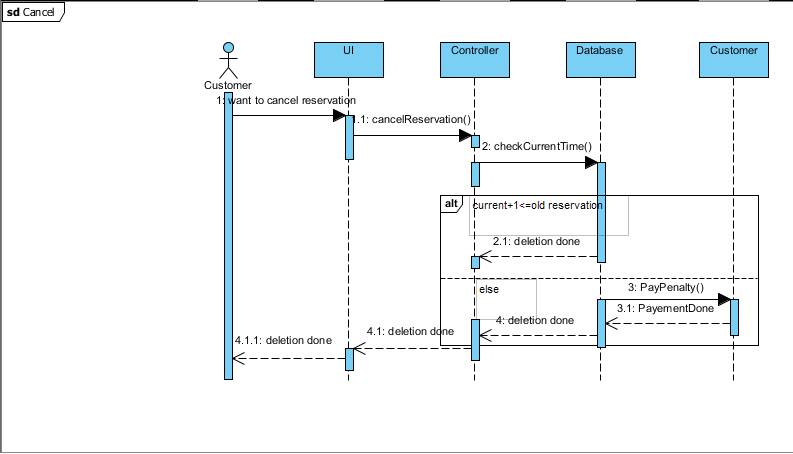
**3.3 – Unregistered Customer sequence diagram**

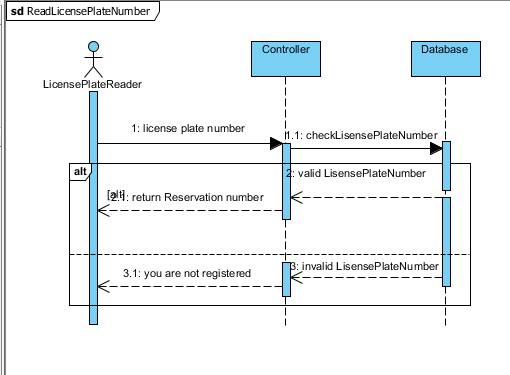
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3.4 – Manager Sequence Diagram**

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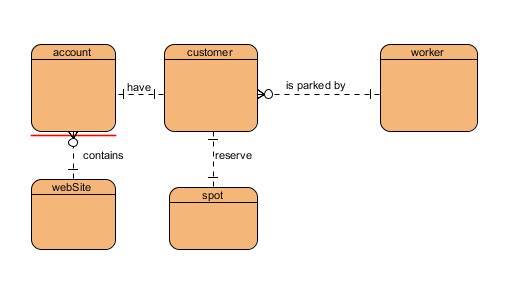
**3.5 – Edit Reservation sequence diagram**

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4.6 – Cancel Reservation sequence diagram**

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4.7 – Read License Plate Number sequence diagram**

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**4 – ERD**

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**5 - Classes Interface**

