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| **identifier** | **User Story** | **Size** |
| **FR-1** | As a user, I will be able to enter my vehicle information, personal information, reservation ID at the beginning of the app main page. | 3 |
| **FR-2** | As a user, I want simplicity and clarity 7 options on menu: “Booking”, “Quick Booking”, “Reservation Status”, “My Info”, “Feedback”, “Cancel reservation”, “Logout”. | 5 |
| **FR-3** | As a user, I will be able to choose a parking lot and can see each parking slot status and actual internal slot after selecting “Booking”. | 12 |
| **FR-4** | As a user, I will be able to insert the date and time which I want to make a reservation. | 2 |
| **FR-5** | As a user, I will be able to see available slots of reservation time. | 7 |
| **FR-6** | As a user, I will be able to make a quick payment every time by saving the pre-entered payment information. | 4 |
| **FR-7** | As a user, I will be able to book reservation time and automatically select parking slot by pressing the “Quick Booking” button. | 10 |
| **FR-8** | As a user, I will be able to change status from log-in to log-out when select “Logout”. | 4 |
| **FR-9** | As a user, I will be able to check my reservation status when select “Reservation Status”. | 2 |
| **FR-10** | As a user, I will be able to insert and see all information(car number, payment method, personal information) when selecting “My Info” button. | 4 |
| **FR-11** | As a user, I will be able to modify my information when selecting “My Info” button. | 4 |
| **FR-12** | As a user, I will be able to cancel my reservation when select “Cancel reservation”. | 4 |
| **FR-13** | As a user, I will be able to send the inconvenience problems by selecting “Feedback” button. | 8 |
| **FR-14** | As a user, will be able to get message from application, when the wrong car is seated in my reservation slot. | 10 |
| **FR-15** |  |  |
| **FR-16** |  |  |
| **FR-17** |  |  |
| **NFR-1** | All users will be able to use this app anytime, anywhere, even if they are in a driving car. |  |
| **NFR-2** | This application will be able to provide a quick reservation. |  |
| **NFR-3** | This application will be able to have simple UI that is easy for all users. |  |

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| **Actor** | **Actor’s Goal(what the actor intends to accomplish)** | **Use Case Name** |
| **System** | To display information about vehicle information, personal information, reservation ID. | Display(UC-1)  information(UC-2) |
| **System** | To display 7 menu to the main page. | Display(UC-1) |
| **User** | To search empty parking slot and reserve parking slot, date, time | Booking(UC-3) information(UC-2) |
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**UC -1 : Display**

**UC-2 : Booking**

**UC-3 : AddUser**

**UC-4 : RemoveUser**

**UC-5 : Login**

UC-6 : AddPersonalInfo

UC-7 : RevisePersonalInfo

UC-8 : Feedback

UC-9 : **add inforamtion**

**UC-10 :** Remove information

UC-11 : Payment

UC-12 : SelectSlot

UC-13 : Camera

UC- 14 :