Software Requirement Specification for GarageMonkey

Requirements:

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| Requirement ID | Requirement Description |
| REQ01 | Users should be able to able to reserve a parking spot without logging into the system (as a guest user) |
| REQ02 | Users should be able to register themselves in the system |
| REQ03 | Users should be able to log into the system and update their details (phone, email, payment details, password etc.) |
| REQ04 | Users should be able logout of the system |
| REQ05 | Users should be able to view and print reservation details after making a parking spot reservation |
| REQ06 | Users should be able to see existing reservations |
| REQ07 | Users should be able make parking spot reservations in future |
| REQ08 | User can print their reservation details |
| REQ09 | System should identify customer, operator and administrator when they login from the same system |
| REQ10 | Administrator should be able to create and configure a garage: add all the parking levels and their details (spot size, parking charges etc.) |
| REQ11 | Administrators should be able to add operators as users of the system |
| REQ12 | System should never reserve same parking spot to two customers |
| REQ13 | System should notify user if reservation request could not be met |
| REQ14 | Administrators should be able to update parking spot details |
| REQ15 | Operator should be able to make a reservation on behalf of a walk in customer |
| REQ16 | Operator should be able to search for a vehicle by reservation id, license plate |
| REQ17 | Operator should be able to see current state of Garage, in terms of which spots has what vehicle at any point of time |
| REQ18 | Administrators should be able to reset passwords for operators and/or customers |