

Course: SE 360 – ADVANCES IN SOFTWARE DEVELOPMENT

Subject: Project Report

Project Name: Vehicle Parking System

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Vehicle Parking Booking-Ticket System provides ticket service online for vehicles. Users subscribed can easily access the current parking area situation and easily find parking for their vehicles. The system's functional and non-functional requirements are following:

- Users should be able to see occupancy rate of the park.
- Users should be able to subscribe to system and use privileges of the its such as reservation, online payment and occupancy rate tracking.
- Unsubscribers have to confirm their reservation within a certain time to. If they do not, the relevant parking space will be available again.
- Subscription is done according to the license plate of vehicle.
- Ticket information will be sent to drivers/users via e-mail as summary information.
- The system and users must have internet connection to take advantage of booking system.
- The system should be able to work on 7 days and 24 hours.