



Department of CIS
Course Code: CIS 332
Course Title: Software Engineering
Assignment Title: Megha Enterprise
Spring 2018
Total Marks: 35

Scenario

Megha Enterprise(ME) deals with transport business. It maintains 45 vehicles. They provide rental service for three type of vehicle like Truck, Microbus and Car. The customers of ME rent truck for carrying goods and microbus and car for personal usage and other activities. They provide rent on daily, weekly and monthly basis according to customer's demand. Sometime they give special offer for marriage ceremony and picnic party and so on. They take advance booking money for the sake of security. The booking procedure is conducted manually. So, it is quite difficult for them to track the availability of the vehicles and also the payment status of the renting. Beside this the customers of the enterprise are looking for online booking facility. To facilitate the customer's demand and increase the market share, ME is planning to launch a website.

Task Description

A software requirements specification (SRS) is a comprehensive description of the intended purpose and environment for software under development. The SRS fully describes what the software will do and how it will be expected to perform.

You are assigned to produce an SRS for developing software for the above scenario. The SRS structure should be according to the following format:

- 1 Introduction
 - 1.1 Purpose
 - 1.2 Scope
 - 1.3 References
- 2 Overall descriptions
 - 2.1 System Architecture
 - 2.2 User Characteristics
 - 2.3 Functional Requirements
 - 2.4 General Constraints
 - 2.4.1 Technology Constraints
 - 2.4.2 Interface Constraints
 - 2.4.3 Safety and Security Constraints
- 3 Descriptions - System Features
- 4 External Interface Requirements
 - 4.1 User Interface
 - 4.2 Software Interface
 - 4.3 Hardware Interface
- 5 Other Nonfunctional requirements