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Daffodil International University

Faculty of Science & Information Technology

Department of Software Engineering

Quiz: 1; Summer 2026

Course Code: SE 411, Course Title: Software Engineering Project Management and Documentation.

Level: 1 Term: 1 Section: 44

Instructor: MKS; Modality: Written Exam

Full time: 30 minutes; Marks: 15

Project Case: As an expert of Software Engineering you have been given responsibilities to develop a software system as follows.

Case study: Read, invent and incorporate information where necessary.

You have recently been recruited as the Project Manager to develop an MIS System for Road Transport Authority of BD. The ERP would store all information of vehicles, drivers, owners, route permit, fitness etc. To complete the project your team of 20 members of different skills would get 4 months. The project had been given to you as you are an expert of big projects. However, you do not have enough flexible time in your hand and budget would be very tight but as an expert project manager you can take special initiatives/steps to monitor and control and/or motivate your team. **Now answer all questions below:**

1. Develop an RTM for two requirements as you may find associated to the given case. **[CLO 1, Level 2] 4 Marks**
2. Describe the key success factors in this project. **[CLO 1, Level 1] 4 Marks**
3. Write the required skills for the project manager for this project. **[CLO 1, Level 1] 4 Marks**
4. Develop a WBS for the given project in case study. **[CLO 1, Level 2] 3 Marks**