ourdiu.com | Shared by Abir Mia -231

Daffodil International University

Faculty of Science & Information Technology

Department of Computer Science & Engineering

Quiz :3, Spring 2026

Course Code: CSE414, Course Title: Research Innovation & Technical Writings

Level: 4 Term: 1 Batch: 64_K

Time: 30 min **Marks: 15**

1. You are developing a **multimodal fake news detection system** that uses text and images. The system must balance **accuracy, speed, and user privacy**. It also involves multiple components such as data preprocessing, machine learning models, an API, and a web-based user interface. Additionally, the system may have societal impacts, such as misuse or bias in predictions.

Now, based on this scenario, map the problem to CEP (EP1–EP7) criteria. Identify at least **four** EP **attributes** and justify why this project qualifies as a **Complex Engineering Problem.** 8

2. Your team planned to complete the project in 6 milestones. However, by week 30, only data collection is finished, and no baseline models are developed. The project is falling behind schedule.

Now, Identify the project management mistakes. How would you restructure the **milestones and timeline** to ensure timely delivery? 7

.

ourdiu.com

Scanned with CamScanner