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Daffodil International University

Faculty of Science & Information Technology
Department of Computer Science & Engineering
Mid-Term Examination, Fall 2024
Course Code: CSE414, Course Title: Web Engineering
Level: 4 Term:1 Batch:59th

Time: 01:30 Hrs **Marks: 25**

Answer ALL Questions

[The figures in the right margin indicate the full marks and corresponding course outcomes. All portions of each question must be answered sequentially.]

1.	*a)*	Discuss the roles of HTTP to facilitate the communication between a User and a Web Server.	[3]	
	b)	Distinguish between Functional and Non-functional requirements.	[3]	
	c)	You are working on a new e-commerce platform nearing its launch. Below are several issues and tasks that need to be addressed: 1. A critical bug causes the shopping cart to display incorrect totals when items are added or removed. 2. The platform needs to be tested in a production-like environment to ensure overall functionality. 3. Users need to interact with the platform and provide feedback on their shopping experience and usability. Classify each task into the appropriate testing stage and provide and explanation of each classification.	[5]	CO2
2.	*a)*	You are tasked with developing an e-commerce website. The website needs to display product listings and suggestions, handle user authentication, and manage transactions. Explain how you would decide which parts of the application should be handled by the client-side and which by the server-side. Provide reasoning for your choices.	[6]	CO3
3.	*a)*	Apply your knowledge of HTML and CSS to create a table with the structure displayed below:	[8]	CO1

Name		Course Code	Department
First Name	Last Name		
Nayeem	Zaman	CSE414	CSE
Mubrasim	Abir		
Basim	Uddin	CSE415	