AMERICAN INTERNATIONAL UNIVERSITY-BANGLADESH
Faculty of Science and Technology
Department of Computer Science
CSC 4118 Computer Graphics

Final Term Project Evaluation **Semester:** Fall 2024-2025 **CO Assessed:** CO4 and CO5 **Total Marks:**

Project Name: Super Mario's AIUB Quest				
Student Name: Rakesh Karmaker		**ID: 22-46862-1**	**Section: G**	**Group No:**
Obtained Marks:	**Part-A**	**Part-B**	**Part-C**	**Total**
	CO4: **CO5:**			

CO4: Creates interactive computer graphics programs using OpenGL.

Assessment Attribute/Criteria	Missing/Incorrect (0)	Inadequate (1-2)	Satisfactory (3-4)	Excellent (5)
Requirement fulfilment	Unable to demonstrate a real-life scenario-based project with no functional requirement identification for the Computer Graphics project development activities.	Demonstrate a basic real-life scenario-based project with minimal functional requirement identification for the Computer Graphics project development activities.	Demonstrate an adequate real-life scenario-based project with major functional requirement identification for the Computer Graphics project development activities.	Demonstrate an complete real-life scenario-based project with all the major functional requirement identification for the Computer Graphics project development activities.
Validation	Students are unable to ensure the ability to use any validation forms in the system while dealing with the data.	Students are able to ensure the ability to use basic validation forms in the system while dealing with the data.	Students are able to ensure the ability to use adequate validation forms in the system while dealing with the data.	Students are able to ensure the ability to use all major validation forms in the system while dealing with the data.
Verification	The students are unable to verify the system data and does not provide proper functionalrequirements regarding data flow.	The students are able to construct basic verification process of system data and provide a basic functional requirement regarding data flow.	The students are able to construct adequate verification process of system data and provide a proper functional requirement regarding data flow.	The students are able to construct a complete and accurate verification process of system data and provide a complete functional requirement regarding data flow.

CO5 [PO-i-1]: Perform as an effective individual in multi-disciplinary settings in solving computer science and engineering problems.

Assessment Attribute/Criteria	Missing/ Incorrect (0)	Inadequate (1-2)	Satisfactory (3-4)	Excellent (5)
Critical Thinking	Recalls only functional or procedural knowledge of existing solutions	Explains the existing solutions and applies in multi-disciplinary case settings	Analyses and Evaluates Conditional/Declarative knowledge with elements in multi-disciplinary settings	Understands the concepts very well and creates new knowledge in multi-disciplinary settings

Focus on the Task (Self-directed)	Never stays focused on the task and what needs to be done	Sometime stays focused on the task and what needs to be done	Most of the time stays focused on the task and what needs to be done	Consistently stays focused on the task and what needs to be done
Reflection	Rarely acknowledges feedback and doesn't apply strategies for making improvements	Acknowledges feedback but doesn't apply strategies for making improvements	Acknowledges feedback and applies strategies for making improvements	Acknowledges and analyze feedback and applies effective strategies for making improvements
Quality of the Work	Provides work that is not up to any quality standard and expectations.	Provides work that usually needs to be checked/redone by others to ensure quality	Provide high quality work. Some small errors that do not interfere with the meaning	Provides work of the highest quality. Work is checked and corrected for mistakes, and shows high level of effort

Evaluations:

Part:A – OBE

CO4: Creates interactive computer graphics programs using OpenGL.			
Requirement fulfilment (5 marks)			**Total Marks**
Validation (5 marks)			
Verification (5 marks)			

CO5 [PO-i-1]: Perform as an effective individual in multi-disciplinary settings in solving computer science and engineering problems.			
Critical Thinking (5 marks)			**Total Marks**
Focus on the Task [Self-directed] (5 marks)			
Reflection (5 marks)			
Quality of the Work (5 marks)			

Part:B – Implementation

Design (10 marks)	**Unsatisfactory (2.5)**	**Satisfactory (5)**	**Good (7.5)**	**Very Good (10)**	**Obtained Marks**

Animation (10 marks)	**Total Number of Animations Implemented**	**Obtained Marks**

Mouse and Keyboard Interaction (10 marks)	No. of Mouse Interaction	No. of Keyboard Interaction	Obtained Marks

Scene Transition (5 marks)	Change of events in individual scenario	Obtained Marks
	○ Yes ○ No	

Part:C – Viva and Report

Viva (20 marks)	Obtained Marks

Report (10 marks)	Obtained Marks