



Project Proposal

Assignment Title:	CG Project Proposal		
Assignment No:		Date of Submission:	4 December 2021
Course Title:	Computer Graphics		
Course Code:	CSC4118	Section:	O
Semester:	Fall	2021-22	Course Teacher: Nazmus Sakib Shan

Declaration and Statement of Authorship:

- I/we hold a copy of this Assignment/Case-Study, which can be produced if the original is lost/damaged.
- This Assignment/Case-Study is my/our original work and no part of it has been copied from any other student's work or from any other source except where due acknowledgement is made.
- No part of this Assignment/Case-Study has been written for me/us by any other person except where such collaboration has been authorized by the concerned teacher and is clearly acknowledged in the assignment.
- I/we have not previously submitted or currently submitting this work for any other course/unit.
- This work may be reproduced, communicated, compared and archived for the purpose of detecting plagiarism.
- I/we give permission for a copy of my/our marked work to be retained by the Faculty for review and comparison, including review by external examiners.
- I/we understand that Plagiarism is the presentation of the work, idea or creation of another person as though it is your own. It is a form of cheating and is a very serious academic offence that may lead to expulsion from the University. Plagiarized material can be drawn from, and presented in, written, graphic and visual form, including electronic data, and oral presentations. Plagiarism occurs when the origin of them arterial used is not appropriately cited.
- I/we also understand that enabling plagiarism is the act of assisting or allowing another person to plagiarize or to copy my/our work.

* Student(s) must complete all details except the faculty use part.

** Please submit all assignments to your course teacher or the office of the concerned teacher.

Group Name/No.: 7

No	Name	ID	Program	Signature
1	Fahim Haider	20-42087-1	BSc [CSE]	
2	Nisma Hossain	20-41982-1	BSc [CSE]	
3	Shakib Sadat Shanto	20-43074-1	BSc [CSE]	
4			Choose an item.	
5			Choose an item.	
6			Choose an item.	
7			Choose an item.	
8			Choose an item.	
9			Choose an item.	
10			Choose an item.	

Faculty use only		
FACULTY COMMENTS	Marks Obtained	
	Total Marks	

Mountain Landscape

Project Scenario:



Description:

This is a scenario of “Mountain Landscape”. Here we’ll see mountains, some houses and farm house in the valley, trees, a river, few camps of travelers, a bonfire. There will be boats floating and passing through the river. We will also see birds and planes flying in the sky.

There will be day-night scenario, as well as scenarios from different seasons of the same frame. Some objects will contain animation.

Used Functions:

```
glColor3ub()
glVertex2f()
glVertex2d()
glBegin()
glEnd()
glClearColor()
glMatrixMode()
glLoadIdentity()
glOrtho()
glutInit();
glutInitDisplayMode()
glutInitWindowPosition()
glutInitWindowSize()
glutCreateWindow()
init()
glutDisplayFunc(display)
glutMainLoop()
```

Color Structure-

```
struct Color
{
    int r;
    int g;
    int b;
};
```

Colors(R,G,B):

55,68,100

200,241,242

122,144,185

69,111,161

88,124,176

255,195,62

0,140,150

0,86,114

122,184,0

2,26,1

74,109,4

15,155,120

119,237,185

55,68,100

97,120,161

255,147,38

255,130,38

99,113,160