



AMERICAN INTERNATIONAL UNIVERSITY- BANGLADESH

Course Name: Computer Graphics

Section: B

Group No: 05

Project Report On,

Echoes of Bravery: The Coastal Standoff

Course Faculty: ANEEM AL AHSAN RUPAI

No	Name	ID	Program	Contribute
1	SHAYAN ABRAR	22-47156-1	BSc CSE	100%

Table of Contents

- . Introduction
- . Project Graph
- . List of objects
- . List of Functions
- . List of Animation
- . Contribution
- . Conclusion

INTRODUCTION:

“Dawn of Victory: The 1971 Liberation War,” a remarkable journey unfolds through the struggles and triumphs of Bangladesh’s fight for freedom. Using advanced computer graphics techniques like 3D modeling, animation, and visual effects, the project vividly portrays the historic events of the liberation war. From the strategic maneuvers of West Pakistan forces to the fierce resistance of Bangladesh’s brave freedom fighters, each scene captures the intensity and heroism of the conflict. As the war unfolds, viewers witness the courage of those who stood against oppression, culminating in the ultimate triumph of the Bangladeshi people

Through scenes of devastation and rebuilding, the project reflects on the profound cost of freedom and the resilience of the Bangladeshi spirit. Finally, it paints a hopeful picture of Bangladesh’s progress, symbolized by the gleaming structures of a nation flourishing fifty-three years later. “Dawn of Victory” is not just a visual representation of history; it is a tribute to the sacrifices made and the indomitable spirit that paved the way for Bangladesh’s independence. Join this journey through time and witness the dawn of a new era in Bangladesh’s history.

Project Graphs

14	112	Anti-Tank Hedgehogs
----	-----	---------------------

List of Functions To Represent Objects

SL#	Object Name	Function Name
1	Sky	mainBackGround_a
2	Jet Plane	jet_a
3	Jet Plane Bomb	bomb_a
4	Jet Plane Cockpit	jetcockpit_a
5	Far Village (lower)	lowerfarvillage_a
6	Far Village (Upper)	upperfarvillage_a
7	River Shoreline	riverbank_a
8	River	river_a
9	Lawn	lawn_a
10	Gunboat	gunboat_a
11	Bangladeshi Bullets	banbullet_a
12	Watchtower	watchtower_a
13	Sandbags	sandbag_a
14	Anti-Tank Hedgehogs	hedgehog_a

List of Animation Functions with ID

SL#	Animation Function ID	Animation Function	Object/Scene
1	4	_move_a	Fighter Jet Plane comes from the right side with a bomb on board.
2	5	_move_bomb_a	Fighter Jet Plane do a bombing run in far village.
3	6	_move_boat_a	Gunboat comes to the shoreline and starts firing.
4	8	_move_pakbullet_a	Pakistani Bullets firing from the gunboat.
5	9	_move_banbullet_a	Bangladeshi Bullets firing from the opposite side.
6	10	nightstatus_a	Converts into Day and Night.

Contribution

Member Name	Implemented Functions	Implemented Animation Functions	Percentage of Contribution
	mainBackGround_a	_move_a	
	jet_a	_move_bomb_a	
	bomb_a	_move_boat_a	
	jetcockpit_a	_move_pakbullet_a	
	lowerfarvillage_a	_move_banbullet_a	
	upperfarvillage_a	nightstatus_a	
	riverbank_a		
SHAYAN ABRAR	river_a		100%
	lawn_a		
	gunboat_a		
	banbullet_a		
	watchtower_a		
	sandbag_a		
	hedgehog_a		

Conclusion :

As "Dawn of Victory: The 1971 Liberation War" draws to a close, it leaves behind a profound message of courage, resilience, and hope. Through stunning visual representations, the project has brought to life the heroic struggle of the Bangladeshi people for independence. From the ashes of war, Bangladesh emerged stronger, united by the sacrifices of its brave sons and daughters. The project's conclusion reminds us of the importance of freedom, and the enduring legacy of those who fought for it. As we reflect on the journey depicted in "Dawn of Victory," let us honor the memory of those who gave their lives for a better tomorrow. May their courage inspire future generations to cherish and defend the hard-won freedoms Bangladesh. In the end, "Dawn of Victory" stands as a testament to the power of perseverance and the triumph of the human spirit. It is a celebration of victory, a tribute to the fallen, and a reminder that hope always prevails in the face of adversity.

