



AMERICAN INTERNATIONAL UNIVERSITY- BANGLADESH

Course Name:

Computer Graphics

Section: B

Group No: 05

Project Report On

Dawn of Victory: The 1971 Liberation War

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No	Name	ID	Program	Contribute
1	MD. JOBAER HOSSAIN	22-47116-1	BSc CSE	Explosive Resistance: The Hardinge Bridge Sabotage"

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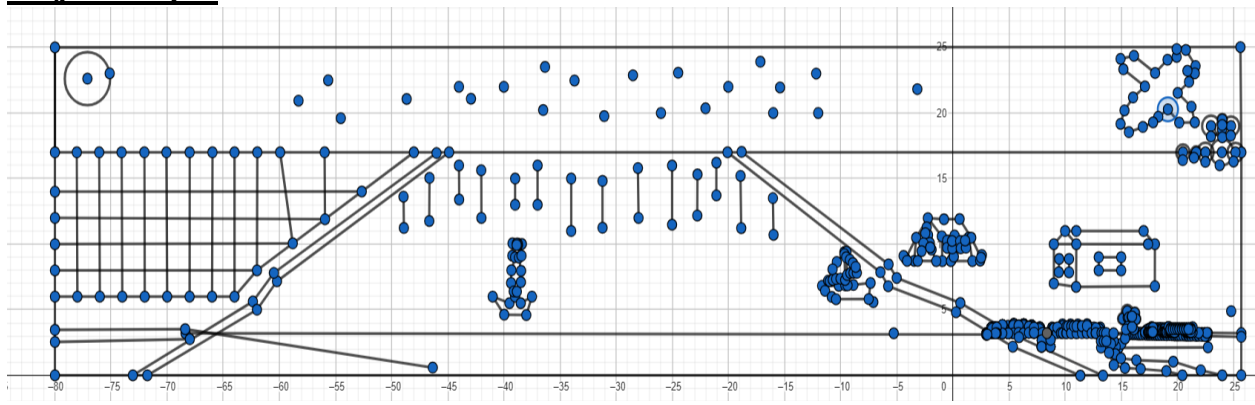
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INTRODUCTION:

“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



List of objects assigning an object ID

SL#	Object ID	Object Name
1	#O_1	Bridge
2	# O_2	Sky
3	# O_3	Star
4	# O_4	Cloud
5	# O_5	Sun/Moon
6	# O_6	Boat
7	# O_7	Tree
8	# O_8	Paddy
9	# O_9	River
10	# O_10	Tent
11	# O_11	Hut
12	# O_12	Train
13	# O_13	Bomb
14	# O_14	Bush

List of Functions To Represent Objects

SL#	Function Name	Object Name
15	bridge_land_t();	Bridge
16	sky_t();	Sky
17	night_sky_t();	Star
18	cloud_t();	Cloud
19	sun_t();	Sun/Moon
20	boat_t();	Boat
21	tree_t();	Tree

22	paddy_field_t();	Paddy field
23	river_t();	River
24	river_down_t();	
25	land_t();	Land
26	bridge_span1_t();	Bridge
27	bridge_span2_t();	
28	left_bridge_approachroad_t();	
29	piller_t();	
30	far_village_t();	
31	fighter_jet_s();	Village
32	tent_t();	Tent
33	hut_t();	Hut
34	train_engine_t();	Train
35	train_body_t();	
36	tide_t();	River
37	bomb_t();	Bomb
38	explosion_t();	Explosion
39	road_t();	Road
40	span_10_t();	Bridge
41	cloudMove_t();	Cloud
42	boatMove_t();	Boat
43	boatMove2_t();	Boat
44	bridge_t();	Bridge

List of Animation Functions with ID

SL#	Animation Function ID	Animation Function	Object/Scene
1	#A_1	Update_t	Tide effect
2	#A_2	Update1_t	Wheel roate effect
3	#A_3	Update2_t	Spane break
4	#A_4	Update3_t	Cloud Move
5	#A_5	Update4_t	Boat Move rightward

6	#A_6	Update6_t	Jet move according x axis
7	#A_7	Update7_t	Jet move according y axis
8	#A_8	Update8_t	Bomb move
9	#A_9	Update9_t	Train move
10	#A_10	Update5_t	Boat move leftwar

Contribution

Member Name	Implemented Functions	Implemented Animation Functions	Percentage of Contribution
MD.Jobaer Hossain	bridge_land_t();	Update_t	100%
	sky_t();	Update1_t	
	night_sky_t();	Update2_t	
	cloud_t();	Update3_t	
	sun_t();	Update4_t	
	boat_t();	Update6_t	
	tree_t();	Update7_t	
	paddy_field_t();	Update8_t	
	river_t();	Update9_t	
	river_down_t();	Update5_t	
	land_t();		
	bridge_span1_t();		
	bridge_span2_t();		
	left_bridge_approachroad_t();		
	piller_t();		
	far_village_t();		
	fighter_jet_s();		
	tent_t();		
	hut_t();		
	train_engine_t();		
	train_body_t();		
	tide_t();		
	bomb_t();		
	explosion_t();		
	road_t();		
	span_10_t();		
	cloudMove_t();		
	boatMove_t();		
	boatMove2_t();		
	bridge_t();		

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.