



AMERICAN INTERNATIONAL UNIVERSITY-BANGLADESH

Course Name: Computer Graphics

Section: B

Group No: 05

Project Report On

Dawn of Victory: The 1971 Liberation War

Course Faculty

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No	Name	ID	Program	Contribute
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Introduction

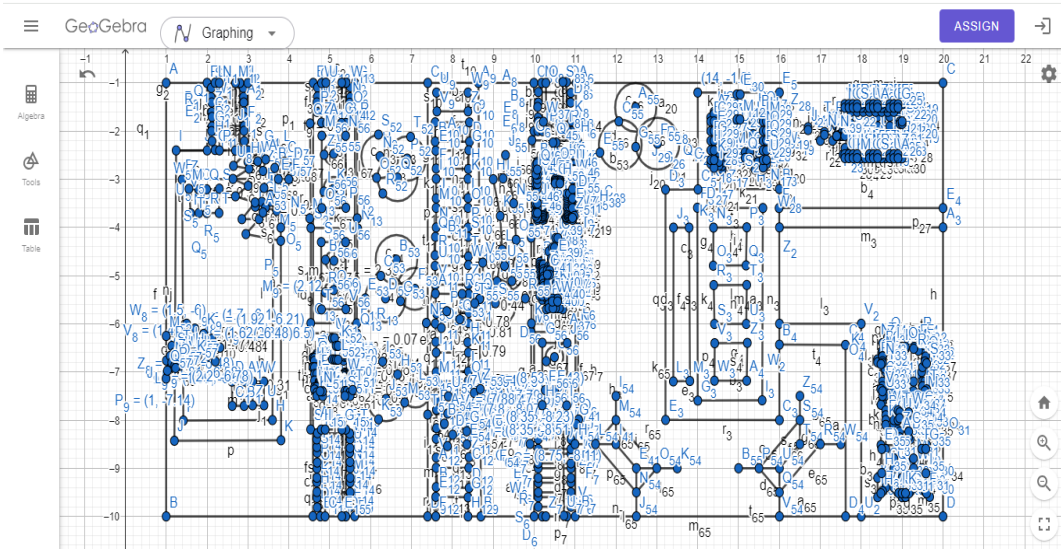
“Dawn of Victory: The 1971 Liberation War,” a remarkable journey unfolds through the struggles and triumphs of Bangladesh’s fight for freedom. Using advanced computer graphics techniques like 3D modeling, animation, and visual effects, the project vividly portrays the historic events of the liberation 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.

Scenery 1: "The Departure: West Pakistan’s Strategic Move"

At Ishwardi railway station, West Pakistan forces load tanks and APCs onto a train. The vehicles securely on board, the train whistles to life and begins its journey, leaving the station behind with heavy military vehicles.

Project Graph

Scenery 1



List of objects assigning an object ID

SL#	Object ID	Object Name
1.	20	rain
2	41	Scenery broader
3	58	Train platform
4	58	broken part
5	264	Rail line
6	348	Rail line
7	348	train
8	348	tank
9	1079	All tree
10	1403	Rail line
11	1403	broken line
12	1403	whole
13	1456	Rail line
14	1456	train

15	1456	tank
16	1456	misael
17	3030	Train platform
18	3112	Road
19	3112	white cross
20	3157	tank
21	3481	misael
22	3977	rocketcar
23	4456	2 tents

List of Functions to Represent Objects

SL#	Object Name	Function Name
20	rain	Rain_s
41	Scenery broader	Broader_s
58	Train platform,broken part	train_platform1_s
264	Rail line	rail_line1_s
348	Rail line,train,tank	rail_line2_s
1079	All tree	Tree_s
1403	Rail line,broken line,whole	rail_line3_s
1456	Rail line,train,tank,misael	rail_line4_s
3030	Train platform	train_platform2_s
3112	Road,white cross	Road_s
3157	tank	tank3_s
3481	misael	misael2_s
3977	rocketcar	Rocketcar_s
4456	2 tents	Tent_s
4516	Day,night,rain	rstkeyboard_s
4535	All display	Drawscene_s
4611	All function	main

List of Animation Functions with ID

SL#	Animation Function ID	Animation Function	Object/Scene
1	20	Rain_s	Rain
2	348	rail_line2_s, update_s	Rail line,train,tank
3	1456	rail_line4_s, update1_s	Rail line,train,tank,misael

4	3481	misael2_s, update2_s	misael
5	3977	Rocketcar_s, update3_s	Rocketcar
6	4516	rstkeyboard_s	Day,night,rain start,rain stop

Contribution

Member Name	Implemented Functions	Implemented Animation Functions	Percentage of Contribution
	Rain_s	Rain_s	
	rail_line2_s	rail_line2_s	
	rail_line4_s	rail_line4_s	
	misael2_s	misael2_s	
	Rocketcar_s	Rocketcar_s	
Rifah Sanzida	rail_line2_s	update_s	100%
	rail_line4_s	update1_s	
	misael2_s	update2_s	
	Rocketcar_s	update3_s	
	rstkeyboard_s	rstkeyboard_s day	
	rstkeyboard_s	rstkeyboard_s night	
	rstkeyboard_s	rstkeyboard_s Rain stop	
	rstkeyboard_s	rstkeyboard_s Rain starts	

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.