AMERICAN INTERNATIONAL UNIVERSITY
BANGLADESH

COMPUTER GRAPHICS

Project Name: A Busy Street View

SECTION: B
COURSE TEACHER: MD. MASUM BILLAH

Group Members Information:

Name	ID
Kalise Vincent Rozario	20-43455-1
Abir Al Mahmud	20-42944-1
Raihan Mia Hridoy	20-44093-2
K. M NAFIS FUAD	19-40148-1

Contents

1 Introduction 3

2 Proposal 3

3 Schematic Diagram 3

4 List of Objects 4

5 Functions to Represent the Objects 5

6 Interactive Functions 5

7 Task Assignment and Codes of Functions 6

8 Outputs 8

9 Conclusions 11

1 Introduction

The project will demonstrate a minimal look of a sea shore scene. We implemented a scenario of three view which are day, night and evening; there will be rain feature in all of the views by the button press. There will sound effect of each difference scene. All together it would render an eye pleasing sea beach scenario. Our program provides fast and accurate rendering of the objects. as well as a landscape to simulate a sea beach.

2 Proposal

The project about a scenario type. There will be a real life scenario about a "A Busy Street View ". There will be mhouse, cloud, tree, lamppost, road, car, police car and night view. There will be some keyboard connection which will be created. In the scenario there will be day view and night view start using keyboard.

3 Schematic Diagram

4 List of Objects

1. Car
2. Police Car
3. Road
4. Wheel
5. Cloud
6. Roadline
7. Building Gate
8. Tree-Left
9. Tree-Right
10. Lamppost-Left
11. Lamppost-Right
12. Sky
13. Day sky
14. Night Sky
15. Window
16. Yellow House
17. Red House
18. Gray House

5 Functions to Represent the Objects

Object	Function	ID
policeCar	void policeCar	1010
background	void background	1011
cloud	void cloud	1012
roadline	void roadline	1013
gate	void gate	1014
Left tree	void Left tree	1015
Right Tree	void Right Tree	1016
lamppost-Left	void lamppost-Left	1017
lamppost-Right	void lamppost-Right	1018
sky	void sky	1019
Day sky	void Day sky	1020
Night sky	void Night sky	1021
window	void window	1022
yellow House	void yellow House	1023
red House	void red House	1024
gray House	void gray House	1025

6 Interactive Functions

Interactive Functions	Interaction	ID
update cloud	cloud move, cloud update	
update car	car move, car update	
update PoliceCar	PoliceCar move, PoliceCar update	
update wheel	wheel move, wheel update	

7 Task Assignment and Codes of Functions

Contribution Table:

Member-1	Member-2	Member-3	Member-4	Total
25 Percent	25 Percent	25 Percent	25 Percent	100 Percent

Contribution in Project :

Member-1

Name: Kalise Vincent Rozario ID: 20-43455-1

1. Yellow House
2. Red House
3. Gray House

Member-2

Name: Abir Al Mahmud ID: 20-42944-1

1. Roadline
2. Day sky
3. Night sky

Member-3

Name: Raihan Mia Hridoy ID: 20-44093-2

i. Car

ii. Police Car

iii. Wheel

Member-4

Name: K. M NAFIS FUAD ID: 19-40148-1

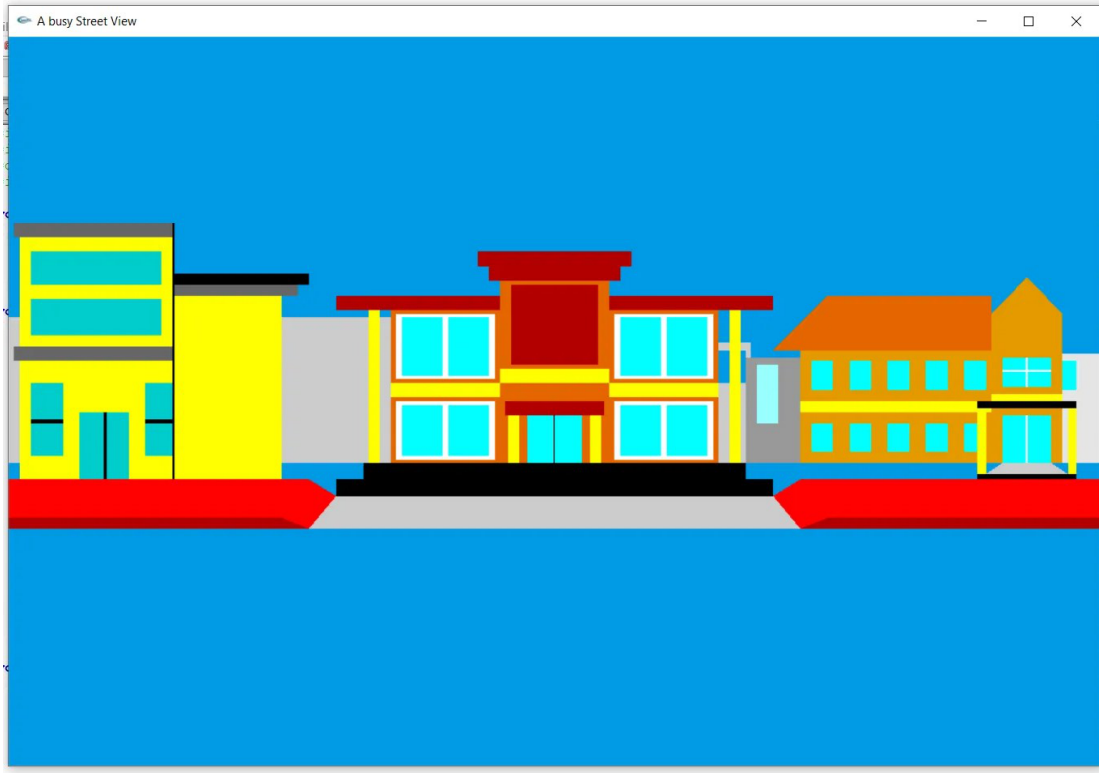
i. Cloud

ii. Tree

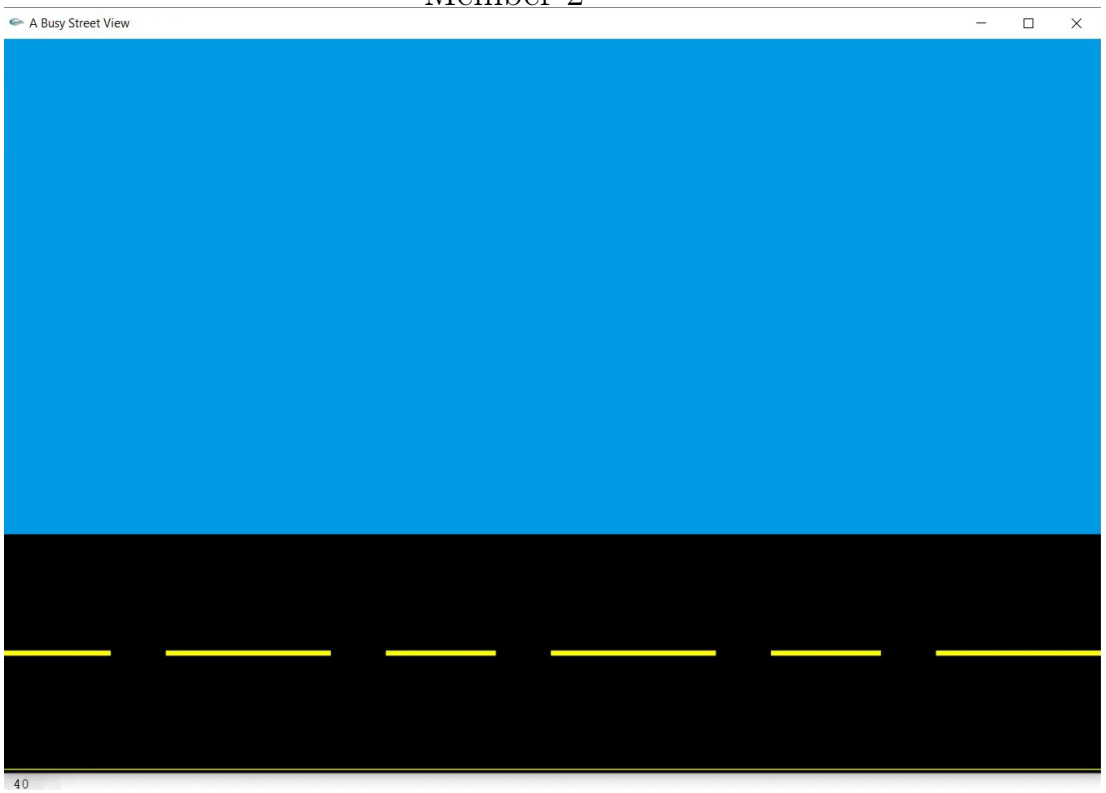
iii. Lamppost

8 Outputs

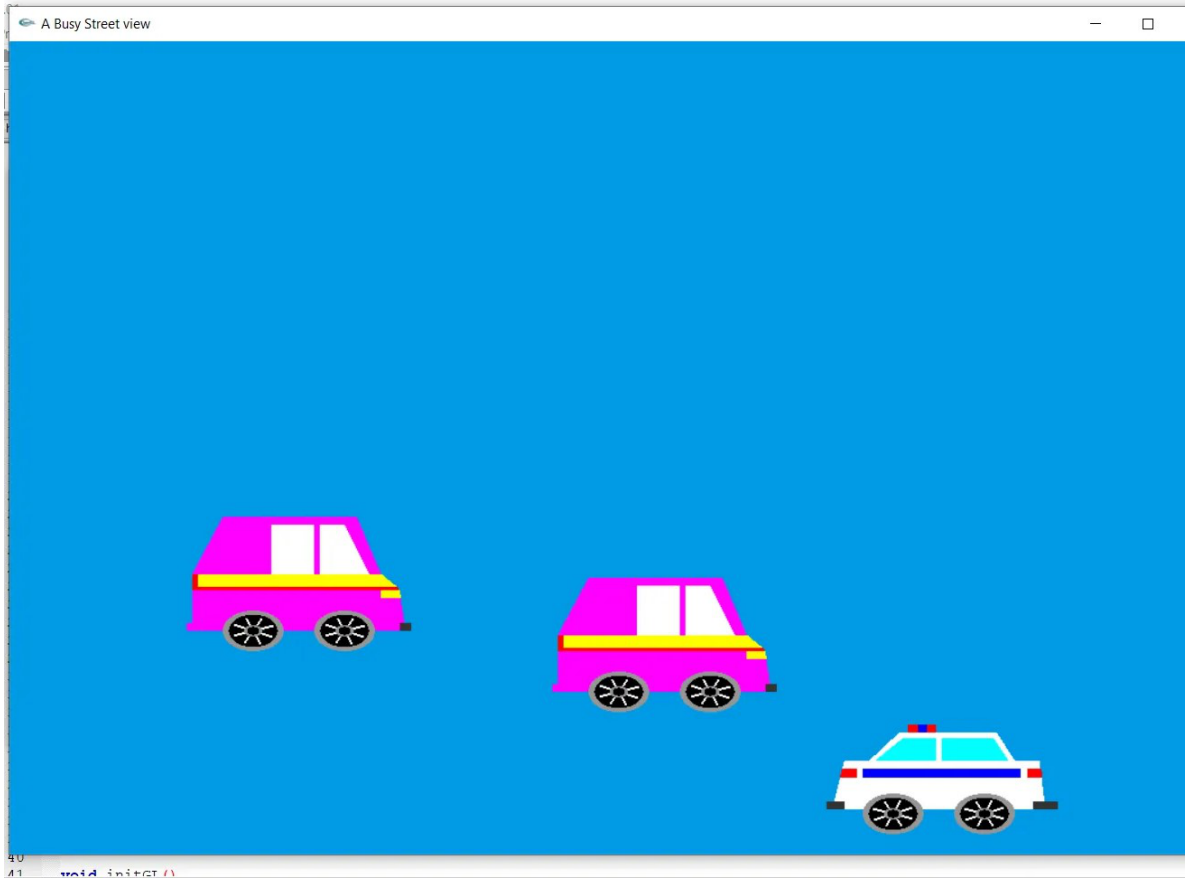
Member-1



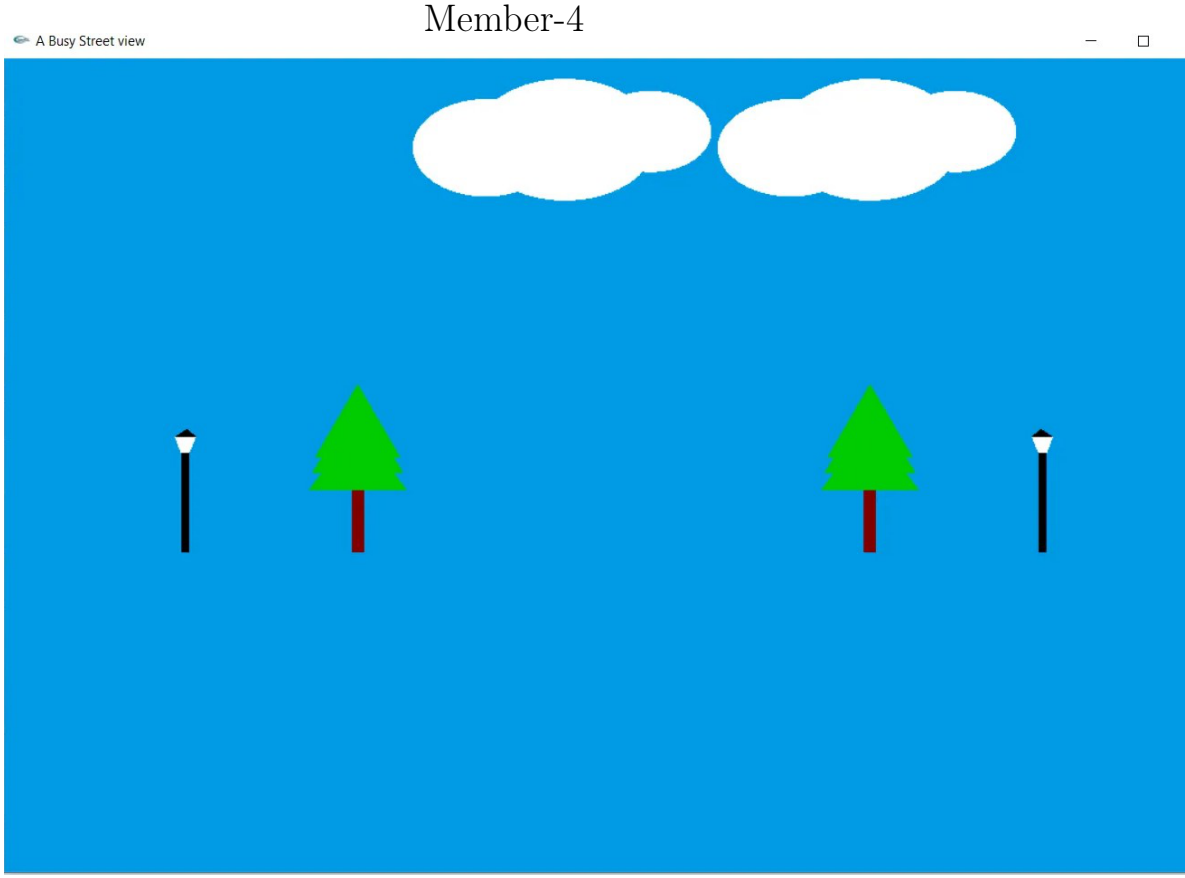
Member-2



Member-3



Member-4



Final Image: A Busy Street View

9 Conclusions

We have implemented an automatic view of a busy street view of day . The color of the sky and other object is variable with the views of the scene. The program runs everything with some view effect of the scene. In future we would like to develop this project into a 3D architecture which can turn this into more eye soothing to the user.

References