

American International University-Bangladesh

Computer graphics final project report

Section: B

Group:03

Project title: Smart City

Group member:

Name	ID
DAS, RAHUL	19-40241-1
BISWAS, PROSENJIT	19-39637-1
AHMED, MD KAUSHIQ	18-37891-2
MISHO, TANVIR HASAN	18-38617-2

Introduction:

Animation is a moving picture. In this project, an animation of a riverside view was animated. In this animation, we have used object such as river, boat and floating cloud to give a real-life projection. To generate the objects we used lines, circles and polygons to draw the object used in the animation. Moreover, we also produce day and night vision by the animation to provide a natural view. In short it was a journey to 3d conversion of real life to a 2d conversion.

Objectives:

Firstly, we aim to create an animation that we have imagined.

Secondly, to implement our imagination we have used certain lightweight computer programs. Such as, OpenGL to convert our imagination into real image.

Thirdly, we are representing some moving objects like, cars and train.

Significance:

Firstly, it is an imagination of a human that has been converted into an animation.

Secondly, it converts a 3D view to 2D view while having same characteristics.

Proposal:

We are trying to describe smart city by our project. It is an animated project. We also try to marge many objects and create a scenario. Again, we also try to change day night vision. By this project we try to maintain vehicle speed.

Finally, we try depicts a smart city from our OpenGL project.

List of objects:

1. Train
2. River
3. Sky
4. Sun & Moon
5. Car
6. Boat
7. Rail Line
8. Road
9. Building
10. Fish
11. Cloud
12. Tree
13. Playground
14. Star
15. Field

Screenshot:

