



Progressive Education Society's
Modern College of Engineering, Pune-05.

DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE

217523-OOP and Computer Graphics Laboratory

Second Year [Semester-III]

Academic Year-2022-2023

Mini Project-Synopsis

A) Team Members :

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2. Anish Mane 22534
3. Manish Thoke 22566
4. Shreyash Mandlik 22533

B) Title of the Mini Project

Bit-Paint

C) Problem Definition

This program is a simple paint tool which is similar to the Paint of Microsoft. It is written in the language C++ with OpenGL/GLUT.

D) Introduction

Design and implementation of a simple Graphics Editor. This is paint like computer graphics with OpenGL which is able to draw like paint in windows and save, as well as open the file. Simple drawing with set of colors and the brushes. This Program used many of the OpenGL functions.

E) Hardware & Software Requirement

Operating System : Windows 7/8/10

Processor : Any

CPU : Any

GPU that is compatible with OpenGL 3.2 : Integrated graphics cards Intel HD 4000 or above

Software Requirement : C ++

Memory : 60 megabytes more for the installing Dev C++ IDE.

F) Conclusion

Finally we are able to produce an application that would allow us to draw images using several options provided.

G) References/Bibliography

Interactive computer graphics with OpenGL , 2nd Edition, Edward Angel.

OpenGL reference site : <http://www.opengl.org/>