

# TABLE OF CONTENTS

CHAPTER NO.	DESCRIPTIONS	PAGE NO.
	DECLARATION.....	i
	ACKNOWLEDGEMENT.....	ii
	ABSTRACT.....	iii
	TABLE OF CONTENTS.....	iv, v
	LIST OF FIGURES.....	v
<b>1.</b>	<b>INTRODUCTION</b>	<b>1-3</b>
1.1	Computer Graphics	1
1.2	History of Computer Graphics	2
1.3	Applications of computer Graphics	2
<b>2.</b>	<b>OpenGL</b>	<b>4-6</b>
2.1	Introduction to OpenGL	4
2.2	Limitation	5
2.3	Advantages of OpenGL	6
<b>3.</b>	<b>REQUIREMENT SPECIFICATION</b>	<b>7-9</b>
3.1	Functional Requirements	7
3.2	Non-functional Requirements	7
3.3	Hardware Requirements	7
3.4	Software Requirements	7
3.4.1	Why C language for the project	8
3.4.2	Graphics in C	8

<b>4.</b>	<b>SYSTEM DESIGN</b>	<b>10</b>
<b>4.1</b>	Initialization	10
<b>4.2</b>	Display	10
<b>5.</b>	<b>IMPLEMENTATION</b>	<b>11-13</b>
<b>5.1</b>	Header files Used	11
<b>5.2</b>	Functions for the Project	12
<b>5.3</b>	Display callbacks	12
<b>5.4</b>	Running the Program	12
<b>6.</b>	<b>RESULTS</b>	<b>14-16</b>
<b>6.1</b>	Snapshots	14-16
<b>7.</b>	<b>CONCLUSION</b>	<b>17</b>
<b>8.</b>	<b>REFERENCES</b>	<b>18</b>

## LIST OF FIGURES

<b>DESCRIPTIONS</b>	<b>PAGE NO.</b>
Fig 2.1 The OpenGL block diagram .....	5
Fig 6.1 Menu Page .....	14
Fig 6.2 Day Mode (At the time of sunrise) .....	14
Fig 6.3 Day Mode (After Sunrise) .....	15
Fig 6.4 Night Mode .....	15
Fig 6.5 Flying Birds .....	16