

Project Title	Box'em Up										Mentor Name		Professor Niharika Singh																																																																			
Abstract	We will be developing a multiplayer game using OpenGL and C. First, we will create an interface which will ask for some detail from user, like size of the game, number of player, etc. On clicking Start option on first interface, a second interface pops up with the actual game. Game will consist of a matrix with dots at its vertices and faded, dotted lines at edges. On clicking a edge, edge changes its color and turn passes to next player. If player selects an already selected edge, its an invalid move and player chooses again. If the edge selected completes a square, the square is highlighted and player chooses again. The player who complete maximum number of boxes wins the game.																																																																															
Objective	Main objective is to develop working interfaces on which multiple users can play a nostalgic game. Sub objectives are: 1. Designing and Creating an interface for a user. 2. Taking input as many times a user clicks on the interface. 3. Processing each input to know which option user chooses. 4. Displaying changes on the interface after processing of the input.																																																																															
Methodology	1. Project will be divided into two functions, Interface 1 and Interface 2. Firstly, we complete developing Interface 1 and then we develop Interface 2. 2. Each Interface will have 4 functions, which are the 4 objectives of our oject. From which, window will be created once and then rest functions will be called in loop as per our requirement and users needs. Each interface will have functions that differ in functionality also according to our needs. 3. Combining these functions for each interfaces will make up mest of our code. Both functions will be called in main function later and finally the game will be playable																																																																															
Progress 1																																																																																
Mentor Remark	<div style="display: flex; justify-content: space-between;"> <div>Marks</div> <div>10</div> <div>10</div> <div>10</div> <div>10</div> <div>10</div> <div>10</div> <div>10</div> <div>10</div> <div>10</div> <div>10</div> </div> <table border="1"> <thead> <tr> <th>Rollno/Marks(10)</th> <th>Step 1</th> <th>Step 2</th> <th>Step 3</th> <th>Step 4</th> <th>Step 5</th> <th>Step 6</th> <th>Step 7</th> <th>Synopsis</th> <th>Mid-term</th> <th>End-Term</th> </tr> </thead> <tbody> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td>Date/Mentor Signature</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </tbody> </table>														Rollno/Marks(10)	Step 1	Step 2	Step 3	Step 4	Step 5	Step 6	Step 7	Synopsis	Mid-term	End-Term																																													Date/Mentor Signature										
	Rollno/Marks(10)	Step 1	Step 2	Step 3	Step 4	Step 5	Step 6	Step 7	Synopsis	Mid-term	End-Term																																																																					
Date/Mentor Signature																																																																																
Progress 2																																																																																
Mentor Remark	<div style="display: flex; justify-content: space-between;"> <div>Marks</div> <div>10</div> <div>10</div> <div>10</div> <div>10</div> <div>10</div> <div>10</div> <div>10</div> <div>10</div> <div>10</div> <div>10</div> </div> <table border="1"> <thead> <tr> <th>Rollno</th> <th>Step 1</th> <th>Step 2</th> <th>Step 3</th> <th>Step 4</th> <th>Step 5</th> <th>Step 6</th> <th>Step 7</th> <th>Synopsis</th> <th>Mid-term</th> <th>End-Term</th> </tr> </thead> <tbody> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr> <td>Date/Mentor Signature</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </tbody> </table>														Rollno	Step 1	Step 2	Step 3	Step 4	Step 5	Step 6	Step 7	Synopsis	Mid-term	End-Term																																													Date/Mentor Signature										
	Rollno	Step 1	Step 2	Step 3	Step 4	Step 5	Step 6	Step 7	Synopsis	Mid-term	End-Term																																																																					
Date/Mentor Signature																																																																																

Guideline: 1) A project group can be of maximum 4 members and no alteration in the group member will be entertained later.

Guideline: 2) Methodology should have following steps Step1: Literature Review; Step2: Identification Of Requirement (Type Of Data source, Amount Of Data, & Format of Data); Step3: Identification of Algorithm; Step4 : Comparative study; Step5: Design and Development of System/Architecture; Step 6: Implementation; Step7: Results

Guideline:3) Student should upload softcopies of all the documents (reports and power point presentations) in "Project Directory", 24 hrs prior to evaluation.

Guideline:4) Panel member will give feedback to individual on the scale of 1 to 5 and this scale will change for defaulter i.e. 1 to 3 scale.

1: Poor

2: Average

3: Good

4: Excellent

5: Outstanding