**DRAFT USER MANUAL** CHAIN REACTION

***INTRODUCTION***

*Welcome to the game CHAIN REACTION.*

***DESCRIPTION :***

*Chain Reaction is a strategy game for 2 to 8 players.But the code we have written is for two players.Basically,it contains a grid (8\*6) which has 48 cells.On a particular players' turn, when he/she clicks on a specific cell,the player places his orb(a ball kind of thing which has a specific mass)in the cell. Both the players have their respective coloured orbs.The main objective of Chain Reaction is to take control of the board by eliminating your opponents' orbs.Players take it in turns to place their orbs in a cell. Once a cell has reached the critical mass , the orbs explode into the surrounding cells (i.e the adjacent cells) adding an extra orb and claiming the cell for the player. A player may only place their orbs in a blank cell or a cell that contains orbs of their own colour. As soon as a player looses all their orbs they are out of the game.A player wins when all the orbs in the grid are of his respective colour.*

***Exploding of orbs :***

*There are three ways in which the orbs can explode.*

*1.At the corners:*

*When an orb is placed at a corner cell( the cells highlighted in the above grid) which already contains an orb ,then the orbs explodes into two in the following way.*

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*2. At the edges excluding corners:*

*When an orb is placed at the edges excluding the corners which already contains two orbs, then the orbs explode into three into the adjacent cells in the following way.*

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*3. At the remaining part of the grid:*

*When the orb is placed at the centre cells (i.e. the remaining part of the grid) which already contain three orbs then the orbs explode into four into the adjacent cells in the following way.*

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***Taking over the opponents orbs:***

*When one of the players'orbs explode , if the adjacent cells into which the orbs explode conatin the opponents' orbs, then the opponents' orbs get converted to the players' orbs. In this way a player can take over all the opponents' orbs .And once all the opponents' orbs are converted to his,then he wins the game.*

***Start of the game:***

*Since the game is made in C++ , the user has to run the program to start the game.*

*If graphics are used, then a window opens with the name of the game, and three options- play , instructions and exit.*

*Click on play to start the game if you know the instructions already.*

*Click on instructions to know how to play the game.*

*Click on exit if you want to leave the game.*

*Once the game starts, the players should start placing their respective orbs in the cells and continue the game.*