CS 101 - PROJECT

SHATRANJ

TEAM 1:

Suryakanth Agarwal(Team Leader )

Vallurupalli Kavya

Aeshala Vamshi Krishna

Mohammed Abdul Rawoof Shaik

TEAM 2:

Karunesh Jigyasu(Team Leader & Batch Leader)

Shah Jainik Chetan

Manoj Kumar

Prateek Agney

TEAM 3:

Rishi Agrawal(Team Leader)

Kartikeya Datt

Rohit Mulchandani

Kanad Dagaonkar

Nitish Agarwal

Allotted work:

Algorithm & Coding for King: Kartikeya Datt , Kanad Daganokar

Algorithm & Coding for Knight: Rishi Agrawal

Algorithm & Coding for Pawn: Karunesh Jigyasu , Manoj Kumar

Algorithm & Coding for Rook: Rohit Mulchandani , Nitish Agarwal

Algorithm & Coding for Bishop: Prateek Agney , Shah Jainik Chetan

Algorithm & Coding for Queen: Suryakanth Agarwal,

Aeshala Vamshi Krishna

Function to return the centre of the square on which

the player has Clicked the mouse: Mohammed Abdul Rawoof Shaik

SRS Documentation & Piece of Code to

Write for The Chessboard: Vallurupalli Kavya

INTRODUCTION:

Chess is a two-player board game played on a chessboard, a square-checkered board with 64 squares arranged in an eight-by-eight grid. Each player begins the game with sixteen pieces: one king, one queen, two rooks, two knight, two bishops, and eight pawns. The object of the game is to checkmate the opponent's king, whereby the king is under immediate attack (in "check") and there is no way to remove or defend it from attack on the next move. The game's present form emerged in Europe during the second half of the 15th century, an evolution of an older Indian game ,SHATRANJ.

The tradition of organized competitive chess started during the 16th century. The first official World Chess Champion, Wilhelm Steinitz, claimed his title in 1886; the current World Champion is Viswanathan Anand from India.

The Chess Olympiad is a popular competition among teams from different nations. Online chess has opened amateur and professional competition to a wide and varied group of players. Chess is a recognized sport of the International Olympic Committee and international chess competition is sanctioned by the FIDE.

Today, chess is one of the world's most popular games, played by millions of people worldwide at home, in clubs, online, by correspondence, and in tournament. Some other popular forms of chess are fast chess and computer chess. There are also many chess variants which have different rules, different pieces, different boards, etc. Some of these variants include, blindfold chess, anywhere chess and Fischer 960.

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