

SUDOKU GAME

- **Students**

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- **Topic of the project**

Sudoku is a well-known game, actually it is a popular puzzle.

- **Explanation of the project**

Sudoku game is played by one player. It includes a board (also known as grid) of 81 squares. This grid is divided into 9 blocks and each block contains 9 squares.

Aim of the game is that each row, column, and nine square grids must contain 1-9 numbers without any repetition. There is only one final state of the puzzle for a specific initial state on the other hand initial states vary.

We will transfer this puzzle from paper to mobile devices. It means our project is a mobile application in android for playing Sudoku Game.

There will be 3 difficulty levels in our application which are “Easy”, “Medium”, and “Hard”. Each level includes 10 puzzles.

In addition, we will record time information. In this way, user will see how much time passed during the solving process.