

Team Name: Raiden

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What is our game?

“The Mill” is a game developed by team **“Raider”** as a team work assignment within the C# training track of Telerik-Academy.

The game is a virtual representation of the ancient board game “dama” also known as “Nine Men’s Morris”.

In this version of the game it can be played in:

Multiplayer mode- 2 people are playing on one device

Player vs Computer mode

There are some rules in the game

The board consists of a grid with twenty-four intersections or points. Each player has nine pieces, or "men", usually colored black and white. Players try to form 'mills'— three of their own men lined horizontally or vertically—allowing a player to remove an opponent's man from the game.

The game proceeds in two phases:

Phase one: placing pieces

Nine Men's Morris starts on an empty board. The game begins with an empty board. The players determine who plays first, then take turns placing their men one per play on empty points. If a player is able to place three of his pieces in a straight line, vertically or horizontally, he has formed a mill and may remove one of his opponent's pieces from the board and the game. Any piece can be chosen for the removal, but a piece not in an opponent's mill must be selected, if possible.

Phase two: moving pieces

Players continue to alternate moves, this time moving a man to an adjacent point. A piece may not "jump" another piece. Players continue to try and form mills, and remove their opponent's pieces in the same manner as in phase one. A player may "break" a mill by moving one of his pieces out of an existing mill, then moving the piece back to form the same mill a second time, or any number of times; and each time removing one of his opponent's men. The act of removing an opponent's man is sometimes called "pounding" the opponent. When one player has been reduced to three men, phase three begins.

End of the Game

A player wins by reducing the opponent to two pieces, or by leaving him without a legal move.

Source: Wikipedia: http://en.wikipedia.org/wiki/Nine_Men%27s_Morris

How is made?

- Object Oriented Programming
 - Classes – 9
 - Methods – 50
 - Interfaces
 - Structures
 - Inheritance
 - Diagrams
- Sound effects
- Option to play vs. Computer mode

Where to play:

“The Mill” is available on TFS repository:

https://termininja.visualstudio.com/DefaultCollection/The_Mill_Game/