Board

Hold a 9x9 grid with the cell values Check whether the board is complete Check whether the board is valid Track which squares are editable Make copies of the board Remove all values from board	Row Col Square CellValue

Row

Check whether the row is complete Check whether the row is valid Access and modify cell values in the row Check whether cells are editable	Board CellValue

Col

Check whether the column is complete Check whether the column is valid Access and modify cell values in the column Check whether cells are editable	Board CellValue

Square

Check whether the square is complete Check whether the square is valid Access and modify cell values in the square Check whether cells are editable	Board CellValue

CellValue

Check whether the cell is empty Return the numeric value of the cell Create a new cell value from an integer	

SudokuSolver

Find a solution to the puzzle	Board CellValue Row Col Square

SudokuBoardGenerator

Generate an easy, medium, or difficult puzzle	Board

Cell

Display a text field for entering a single-digit number Visually show whether the cell is editable Make text field non-editable when underlying cell value is not editable Change color based on whether user input is correct	CellValue

GridPanel

Draw a grid of text fields representing the Sudoku board Display which rows, columns, or squares are invalid Display which cells are editable Allow user to enter values into editable cells	CellValue Cell Board Row Col Square