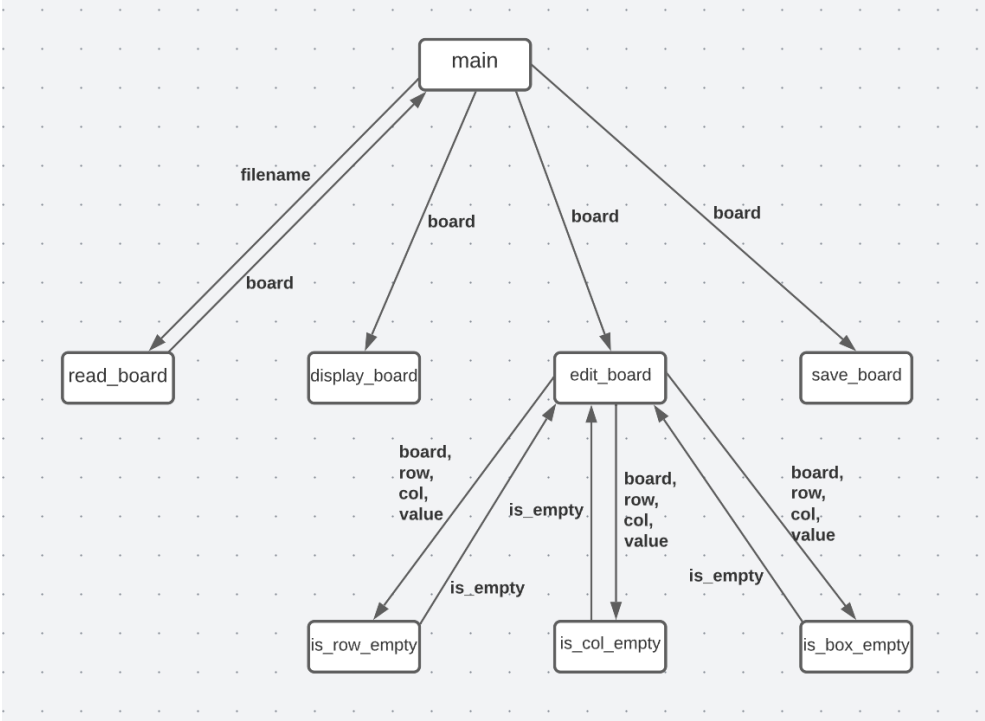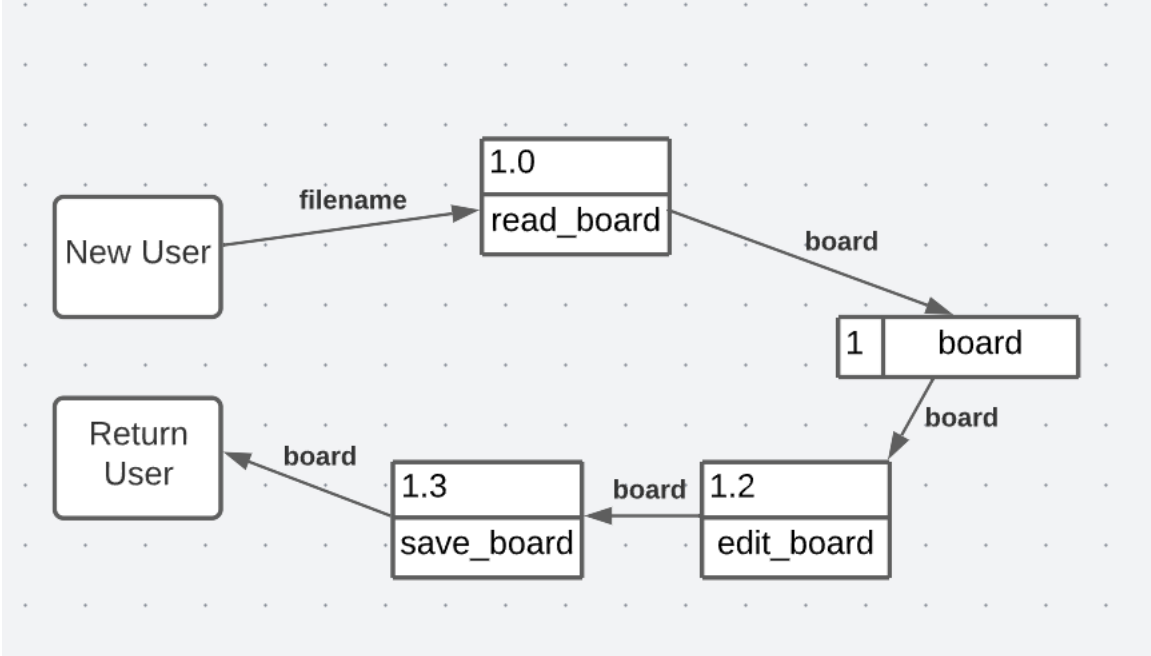Sudoku Design

Structure Chart

Data Flow Diagram

```
Psuedocode Functions

is_row_empty(board, row, col, value):
      FOR space in board[row]:
            IF space == value:
                  RETURN False
      RETURN True




display_board(board):
      PUT column letters on the screen
      FOR row in range(1,10):
            PUT row number
            FOR col in range(1,10):
                  PUT board[row-1][col-1] on the screen
                  IF (col % 3 == 0 AND col != 9):
                        PUT box divider on the screen
            IF (row % 3 == 0 AND row != 9):
                  PUT box divider on a new line on the screen
```