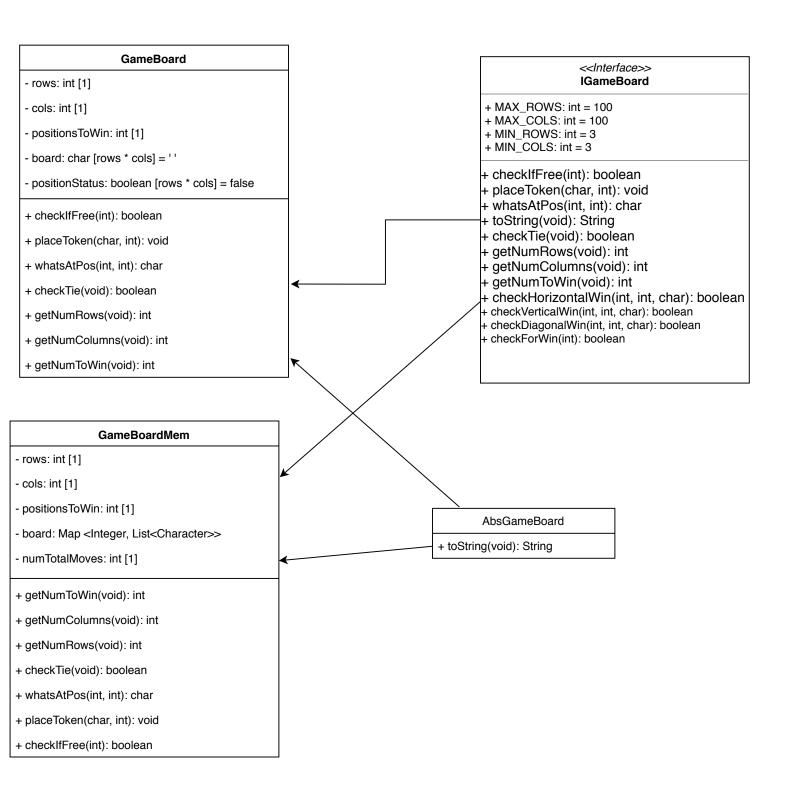
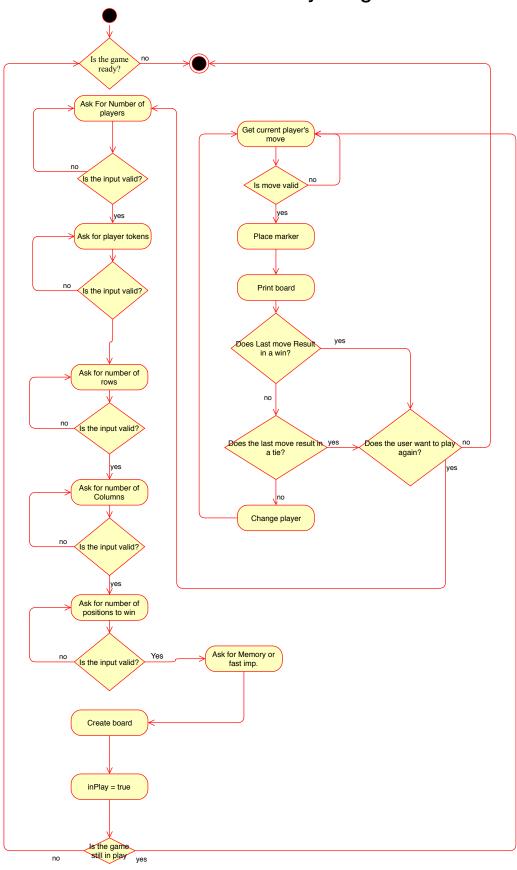
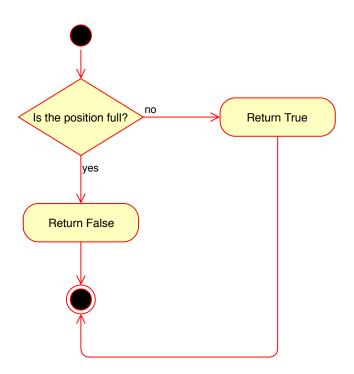
Class Diagrams



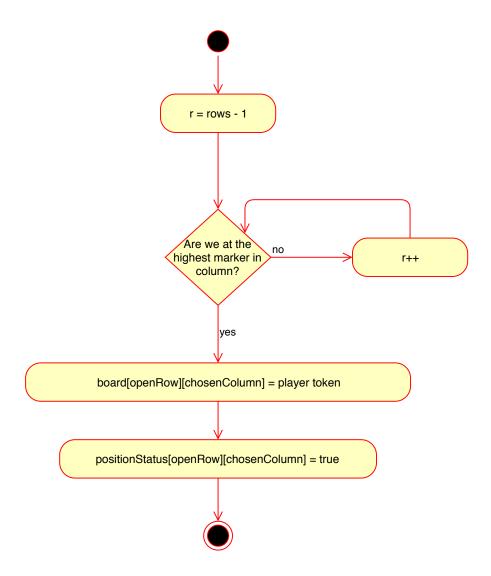
Connect4Game Activity Diagram



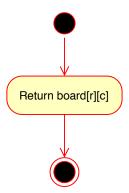
Check If Free Diagram



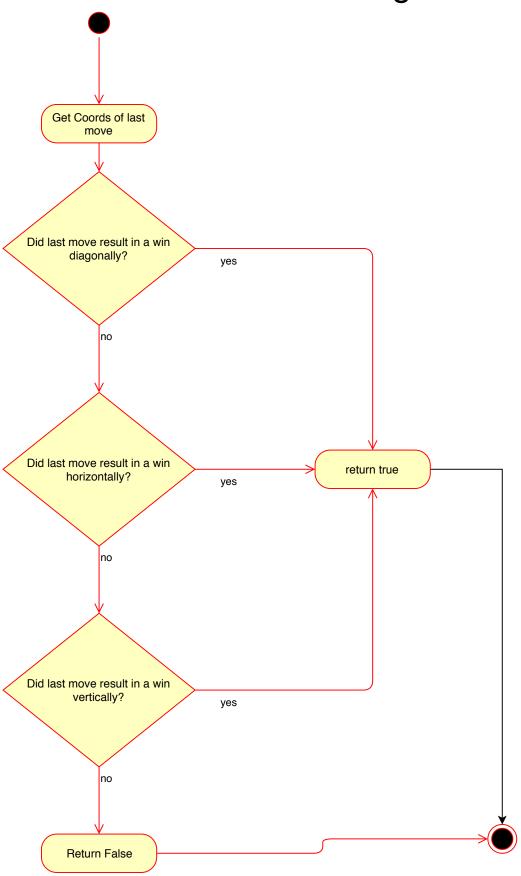
Place Token Diagram



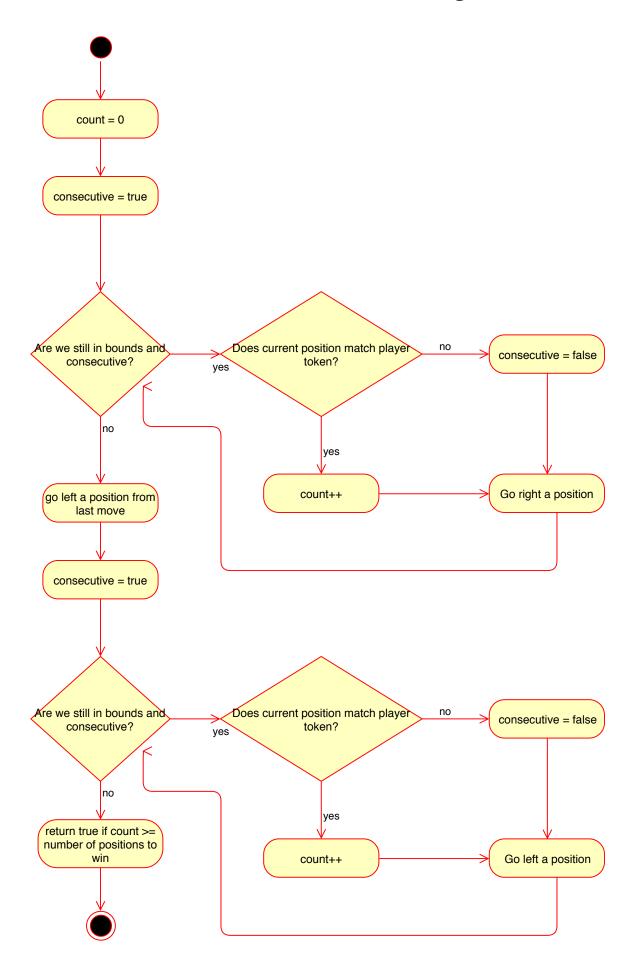
What's at Pos diagram



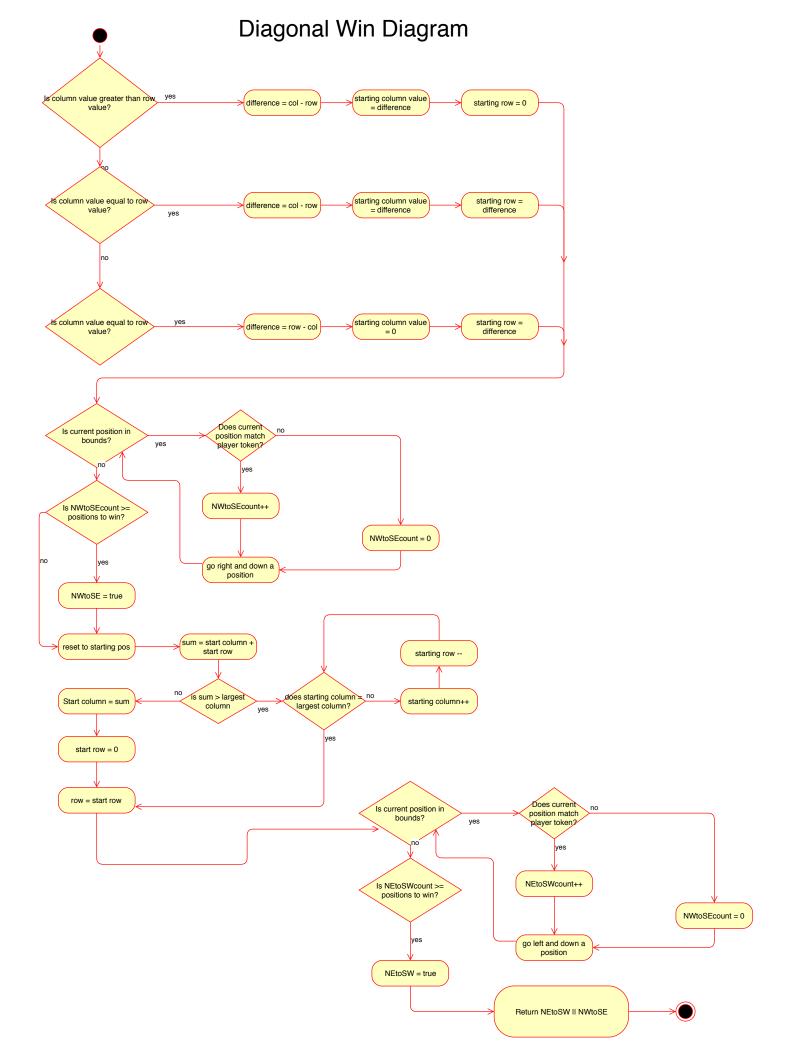
Check win diagram



Horizontal Win Diagram



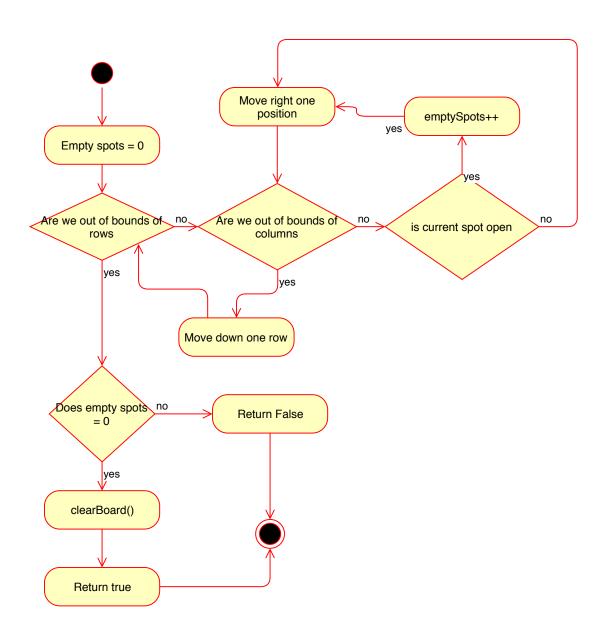
Vertical Win diagram count = 0consecutive = true Are we still in bounds and Does current position match player no consecutive = false consecutive? token? yes no yes Go down a position count++ go left a position from last move consecutive = true Are we still in bounds and Does current position match player no consecutive = false consecutive? token? yes no yes return true if count >= number of positions to Go up a position count++



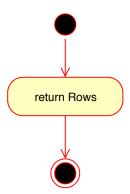
Innitialize string with first border add column numbers to string Add board, space by space Return board as string

toString Diagram

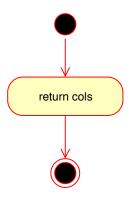
checkTie diagram



Get rows diagram



get Columns diagram



getNumToWin diagram

