CS 3331 HW 5 UML Diagram <<Java Class>> <<Java Class>> <<Java Interface>> **Anthony Moran** Square Move ClickListener Anthony Ayo edu.utep.cs.cs3331.sudoku2D edu.utep.cs.cs3331.sudoku2D edu.utep.cs.cs3331.sudoku2D Enrique Salcido + value:int =0 Matthew Montova + x:int +x:int + y:int + y:int + value:int + clicked(int,int):void + value:int <<Java Class>> + set:boolean=false + Move() Main + color:Color = new Color(247,223,150) + Move(int,int,int) Hw5 + Square() + Square(int,int) - networkButton:JButton + setValue(int):void - NETWORK_OFF:imageIcon <<Java Class>> + getValue():void - NETWORK ON:ImageIcon **BoardPanel** + setColor(Color):void - textField:JTextArea + getColor():Color - host: JTestField edu.utep.cs.cs3331.sudoku2D + clone():Square - port: JTextField - scroll: JscrollPane boardColor:Color = new Color(247,223,150) - connect: JButton - squareSize:int=0 - disconnect: JButton - socket: Socket + BoardPanel(Board, ClickListener) +contents - curr: Thread + setBoard(Board):void - hostname: String "" - locateSquare(int,int):int ipAddress: String "" + paint(Graphics):void - portnum: int = 8000 + displayBoard(Graphics, Dimension):void - server: ServerSocket - portField: JTextField -board - clientIP: String = "" 0..1 \- board weChanged: boolean = false <<Java Class>> + Main() **Board** # createToolBar():JToolBar #lastC # makeConfirmationPanel():Dialog edu.utep.cs.cs3331.sudoku2D - setHostSettings():Void - networkButtonClicked(ActionEvent):void + size:int - pairAsClient(Socket):void + sqrt:int - createConnectionScreen():Jdialog connectClicked(ActionEvent):void + Board() - disconnectClicked(ACtionEvent):void + Board(int) - pairAsServer(Socket):void - createList(int):void # numberClicked(int):void + isSolved():boolean +b # fillNumber(int.int.int):void + size():int - confirmPanel(String):boolean - solvedRow(int):boolean + createJoinBoard(int,int[]):Board - solvedColumn(int):boolean <<Java Interface + messageReceived(MessageType,int,int,int,int[]):void - solvedSquare(int,int):boolean Solver # configureUI():void + change(int,int,int):boolean + main(String[]):void + isValid(int.int.int):boolean edu.utep.cs.cs3331.sudoku2D - inSameRC(int,int,int,):boolean - inSameSquare(int,int,int):boolean + clone():Board + solve(Board):Board 0..1 + isSolveable(Board):boolean -network



