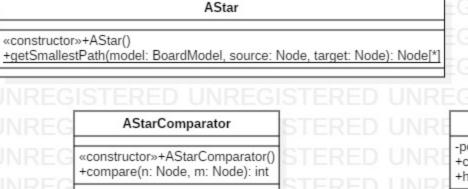


PassAction «constructor»+PassAction() +pass(availableCells: Cell[*], currentCell: Cell, targetCell: Cell, ball: Ball, view: BoardView, model: BoardModel): void +getPassPath(currentCell: Cell, targetCell: Cell): Position[*] +isDefenderWinner(stricker: Person, strickerCard: Card, defender: Person, defenderCard: Card): boolean



PriorityQueue

«constructor»+PriorityQueue(comparator: AStarComparator)

-comparator

Node -position: Position +cost: int +heuristic: int «constructor»+Node(position: Position, cost: int, heuristic: int) «constructor»+Node(x: int, y: int, cost: int, heuristic: int) +getPosition(): Position +getCost(): int +getHeuristic(): int +setCost(cost: int): void

+setHeuristic(heuristic: int): void

-model: BoardModel «constructor»+BotPlayer(persons: Person[*], playerState: PlayerState, teamType: TeamType, model: BoardModel) -getCellBehindPersonWithBall(): Cell -canWinGame(person: Person): boolean -canMakePlating(person: Person): boolean -canMakePlating(): Person -havelBall(): boolean -getNearestPersonOfTheBall(position: Position): Person -getNearestOfMyGoals(): Person +canMakePlatingAction(person: Person): boolean -canMakeForceAction(person: Person): boolean -canMakeForceAction(): Person

BotPlayer

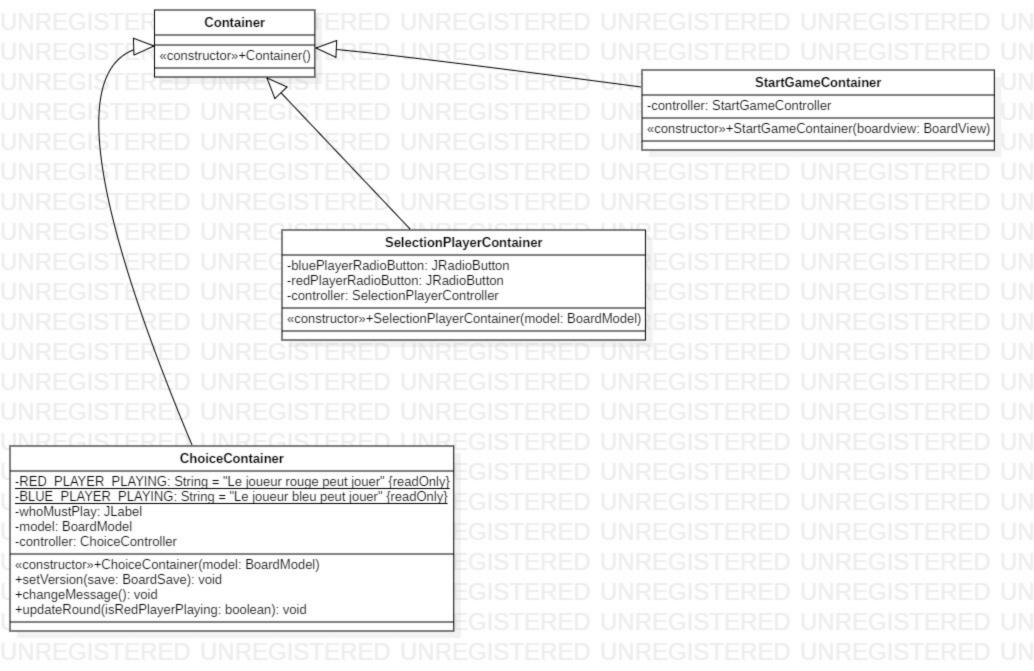
-BLUE PLAYER ACTION COMMAND: String = "BLUE PLAYER ACTION COMMAND" {readOnly} -RED PLAYER ACTION COMMAND: String = "RED PLAYER ACTION COMMAND" (readOnly) -VALIDATION BUTTON ACTION COMMAND: String = "VALIDATION BUTTON ACTION COMMAND" (readOnly) -model: BoardModel -bluePlayerRadioButton: JRadioButton -redPlayerRadioButton: JRadioButton «constructor»+SelectionPlayerController(bluePlayerRadioButton: JRadioButton, redPlayerRadioButton: JRadioButton, validationButton: JButton, model: BoardModel) +actionPerformed(event: ActionEvent): void StartGameController -START GAME ACTION COMMAND: String = "START GAME ACTION COMMAND" {readOnly} -view: BoardView «constructor»+StartGameController(startButton: JButton, view: BoardView) +actionPerformed(event: ActionEvent): void ChoiceController -END TURN ACTION COMMAND: String = "END TURN ACION COMMAND" {readOnlv}

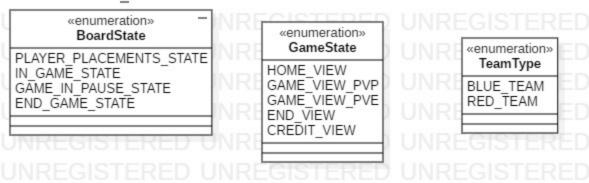
SelectionPlayerController

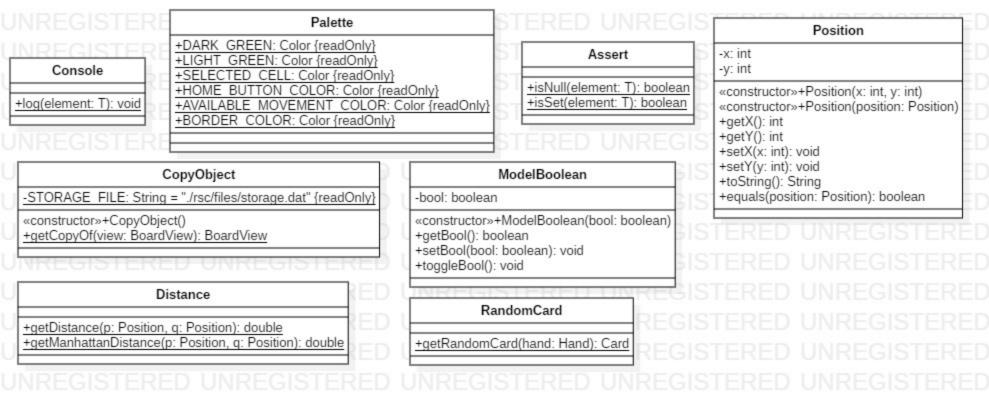
-UNDO ACTION COMMAND: String = "UNDO ACTION COMMAND" (readOnly) -REDO ACTION COMMAND: String = "REDO ACTION COMMAND" {readOnly} -container: ChoiceContainer -model: BoardModel

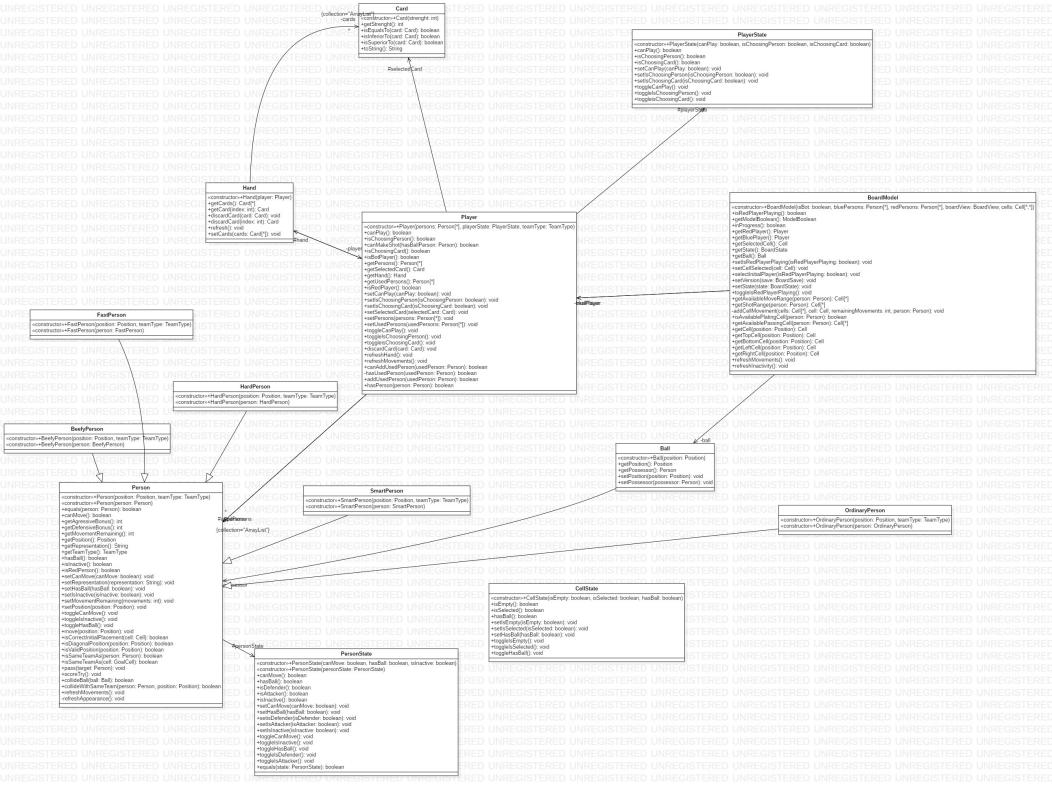
«constructor»+ChoiceController(container: ChoiceContainer, endTurn: JButton, undoButton: JButton, redoButton: JButton, model: BoardModel)

+actionPerformed(event: ActionEvent): void









ChoiceCardController -popup: ChoiceCardPopUp «constructor»+ChoiceCardController(popup: ChoiceCardPopUp) +actionPerformed(event: ActionEvent): void +addActionListenerTo(cardButton: JButton): void

