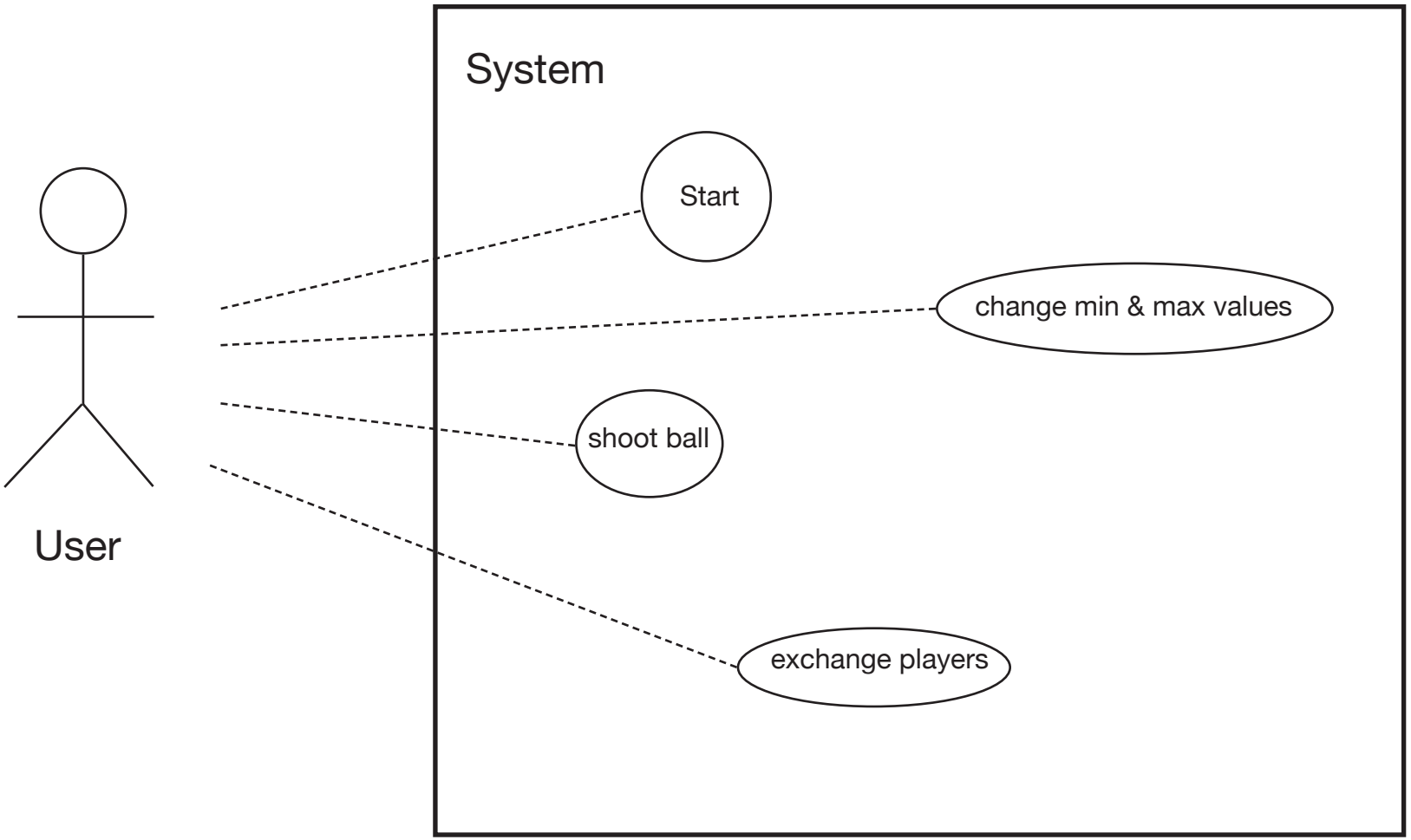
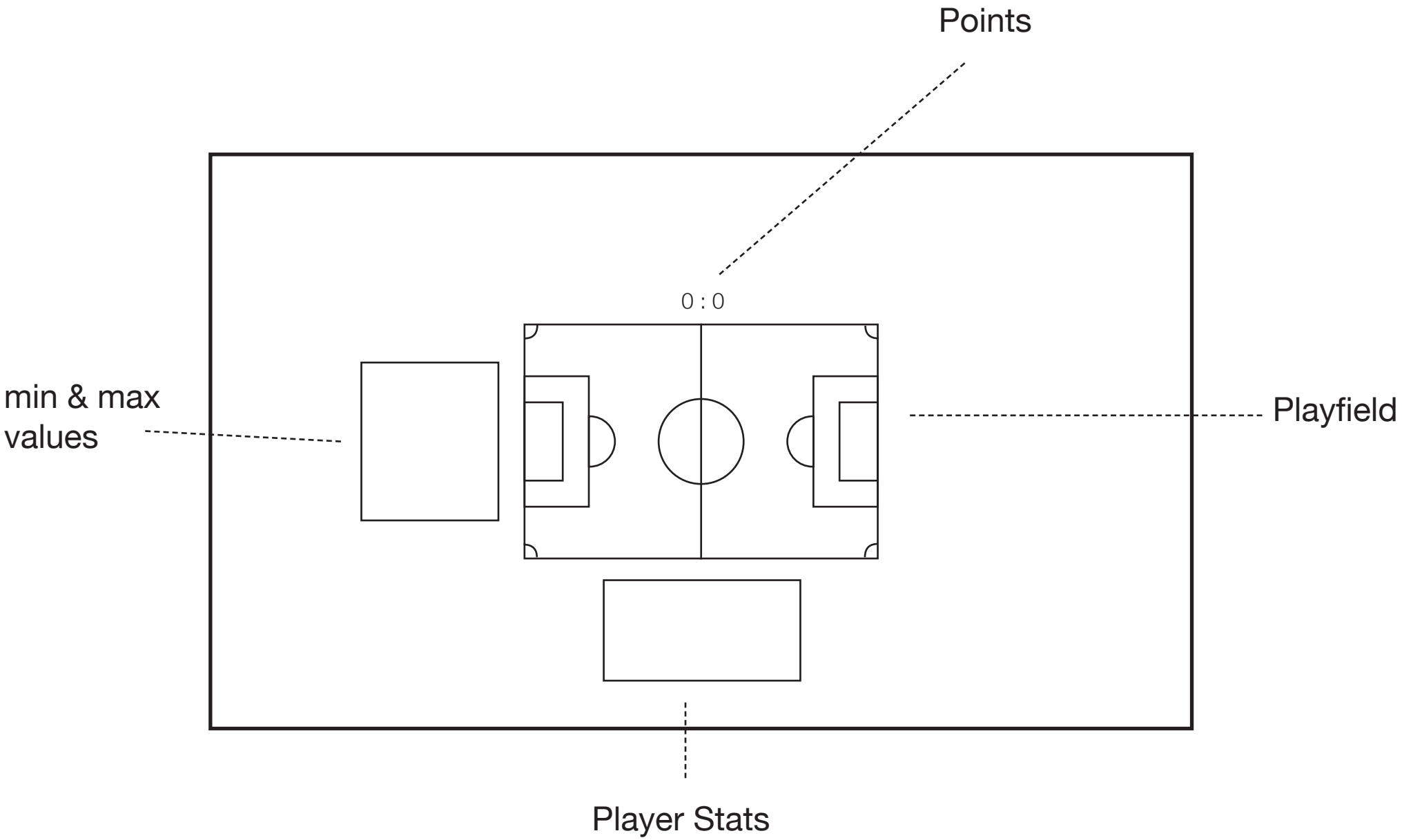
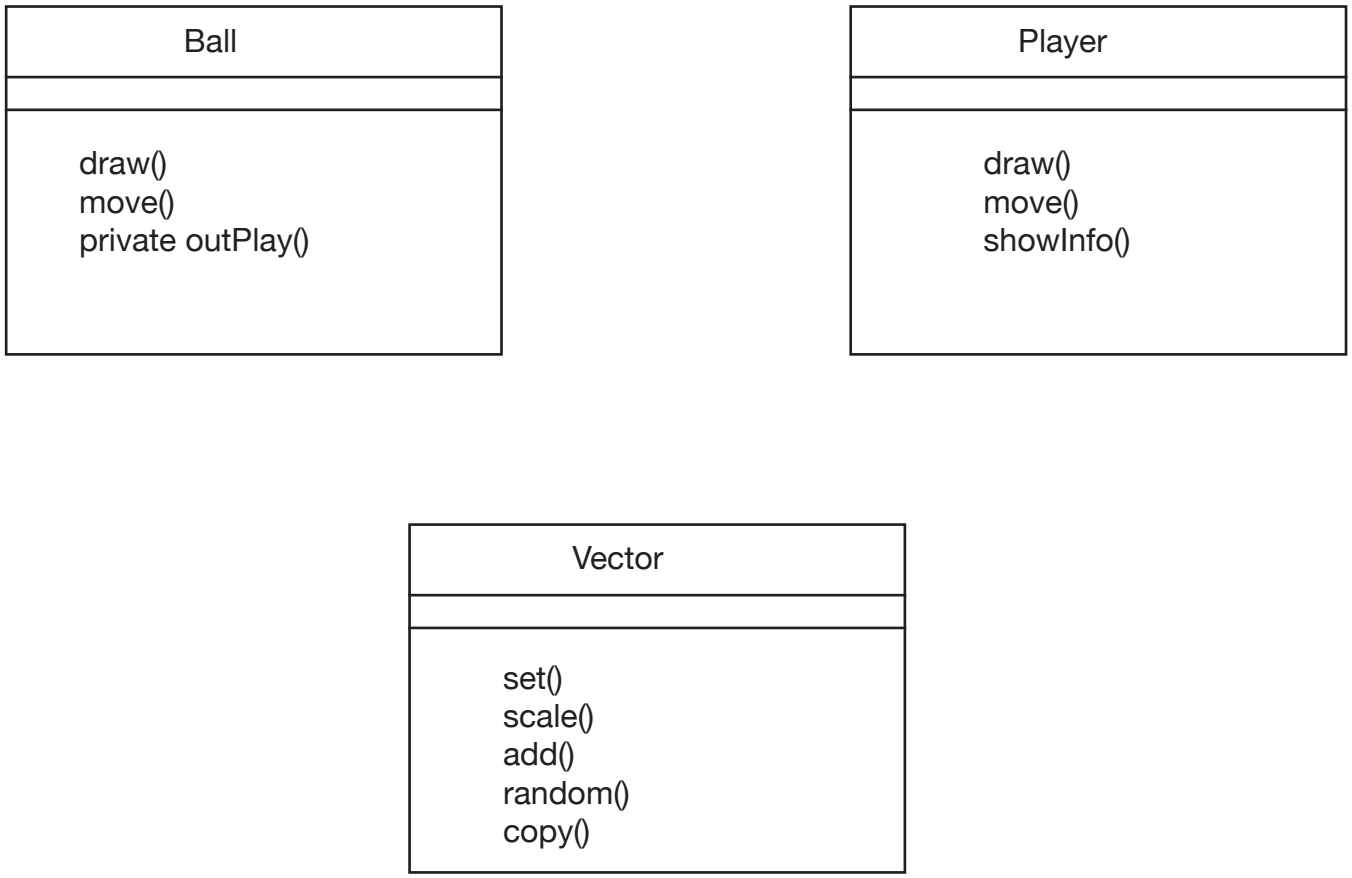
Use-Case Diagramm



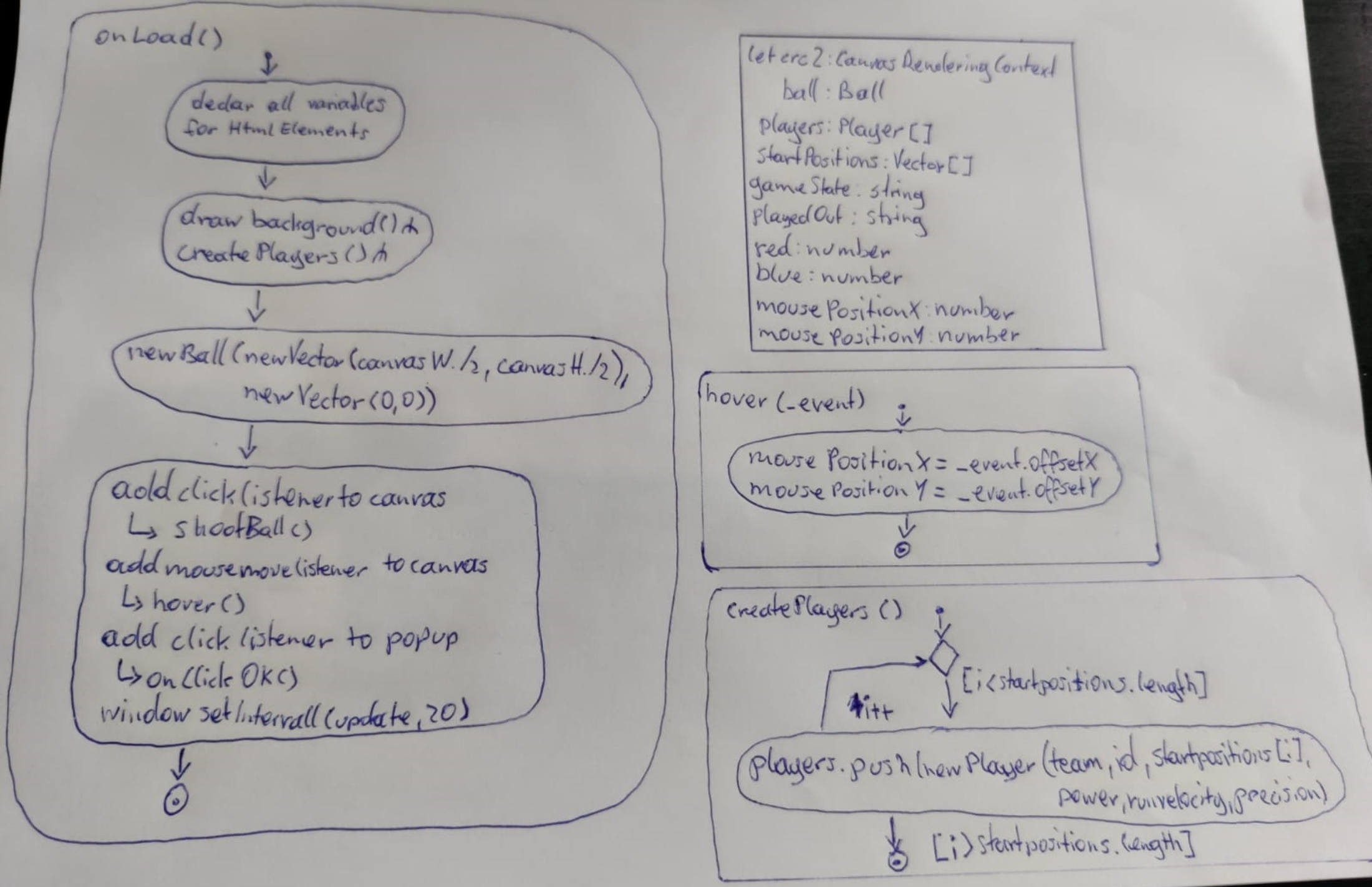
User Interface Diagramm



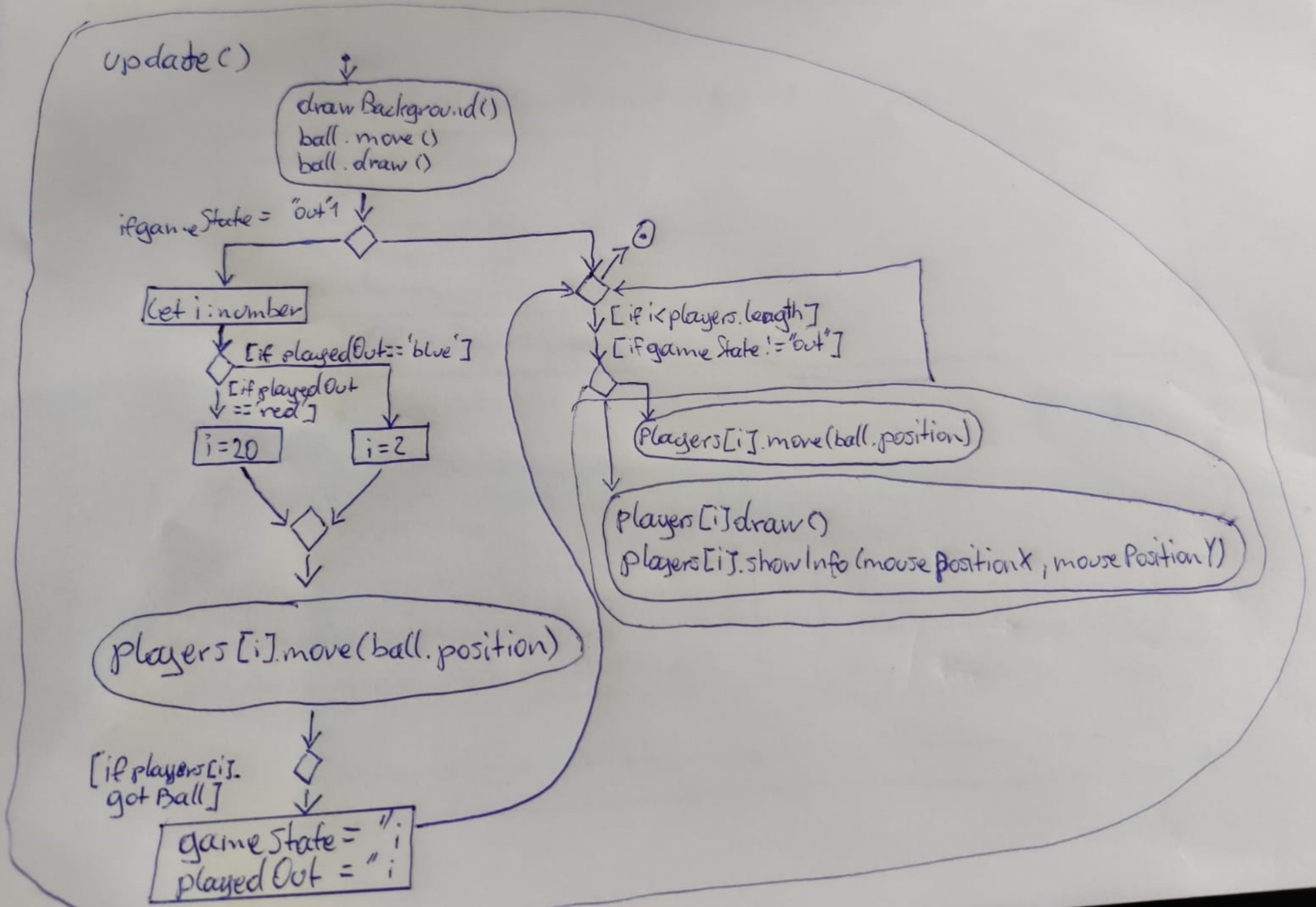
Class Diagramm



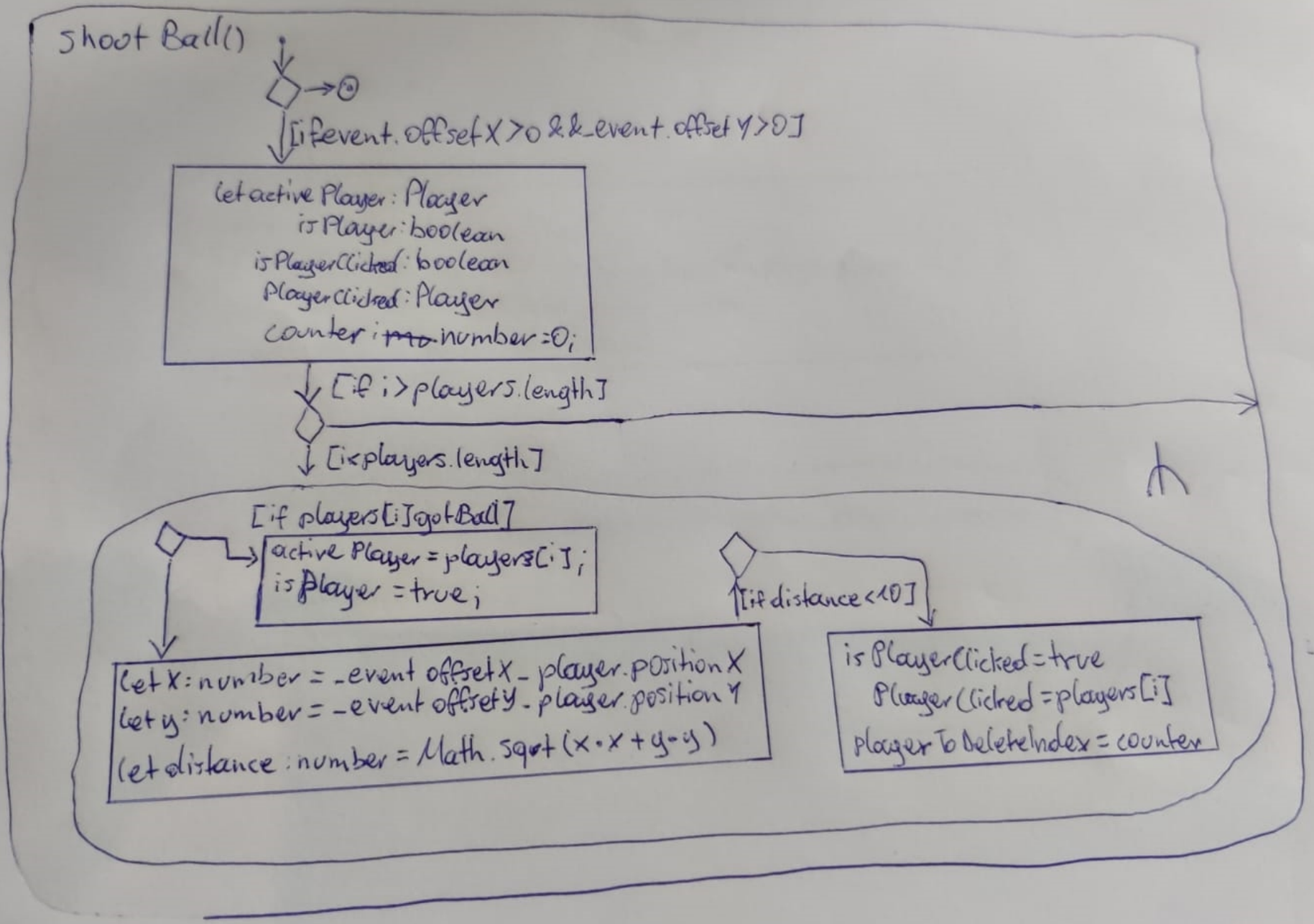
Activity Diagramm: Football-Simulator / Main

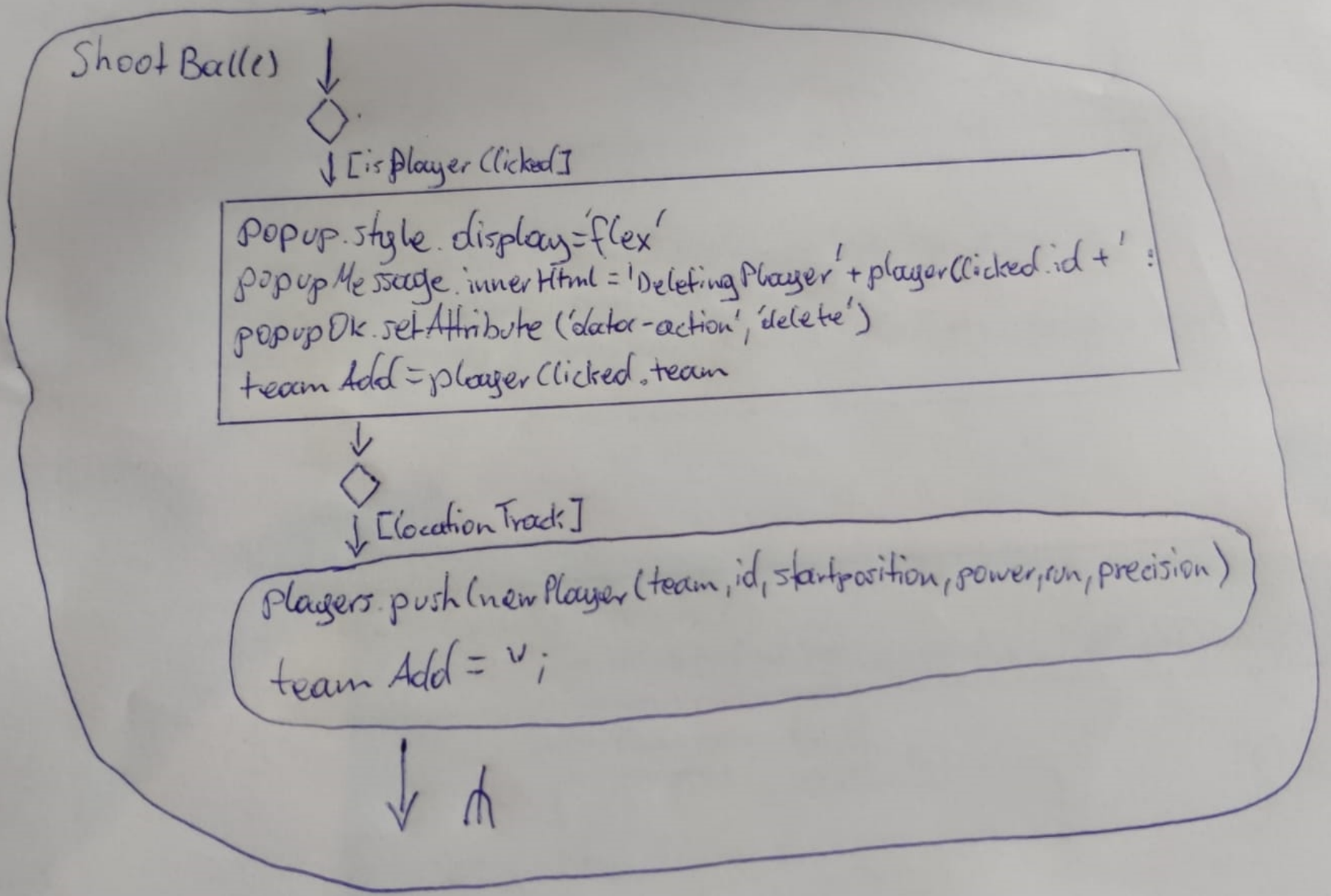


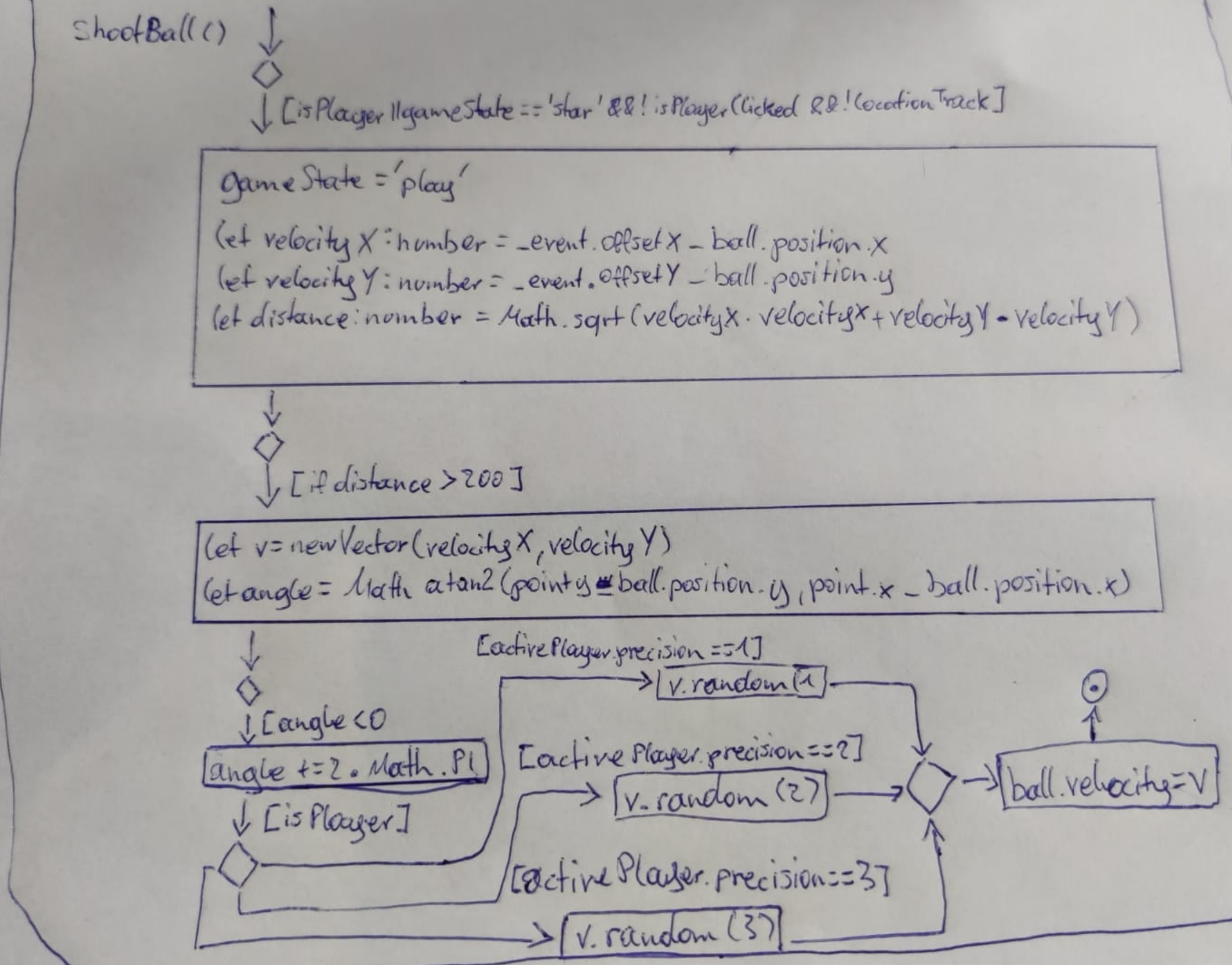
Activity Diagramm: Football-Simulator / Main



Activity Diagramm: Football-Simulator / Main




ShootBall()
[isPlayerClicked]
popup.style.display='flex'
popupMessage.innerHtml='DeletingPlayer'+playerClicked.id+' ?'
popupOk.setAttribute('data-action','delete')
teamAdd=playerClicked.team
[locationTrack]
players.push(newPlayer(team,id,startposition,power,run,precision)
teamAdd=v;


ShootBall()
[isPlayer || gameState == 'star' && !isPlayerClicked && !locationTrack]
gameState = 'play'
let velocityX: number = _event.offsetX - ball.position.x
let velocityY: number = _event.offsetY - ball.position.y
let distance: number = Math.sqrt(velocityX * velocityX + velocityY * velocityY)
[if distance > 200]
let v = newVector(velocityX, velocityY)
let angle = Math.atan2(pointy - ball.position.y, point.x - ball.position.x)
[angle < 0]
angle += 2 * Math.PI
[isPlayer]
[activePlayer.precision == 1]
v.random(1)
[activePlayer.precision == 2]
v.random(2)
[activePlayer.precision == 3]
v.random(3)
ball.velocity = v