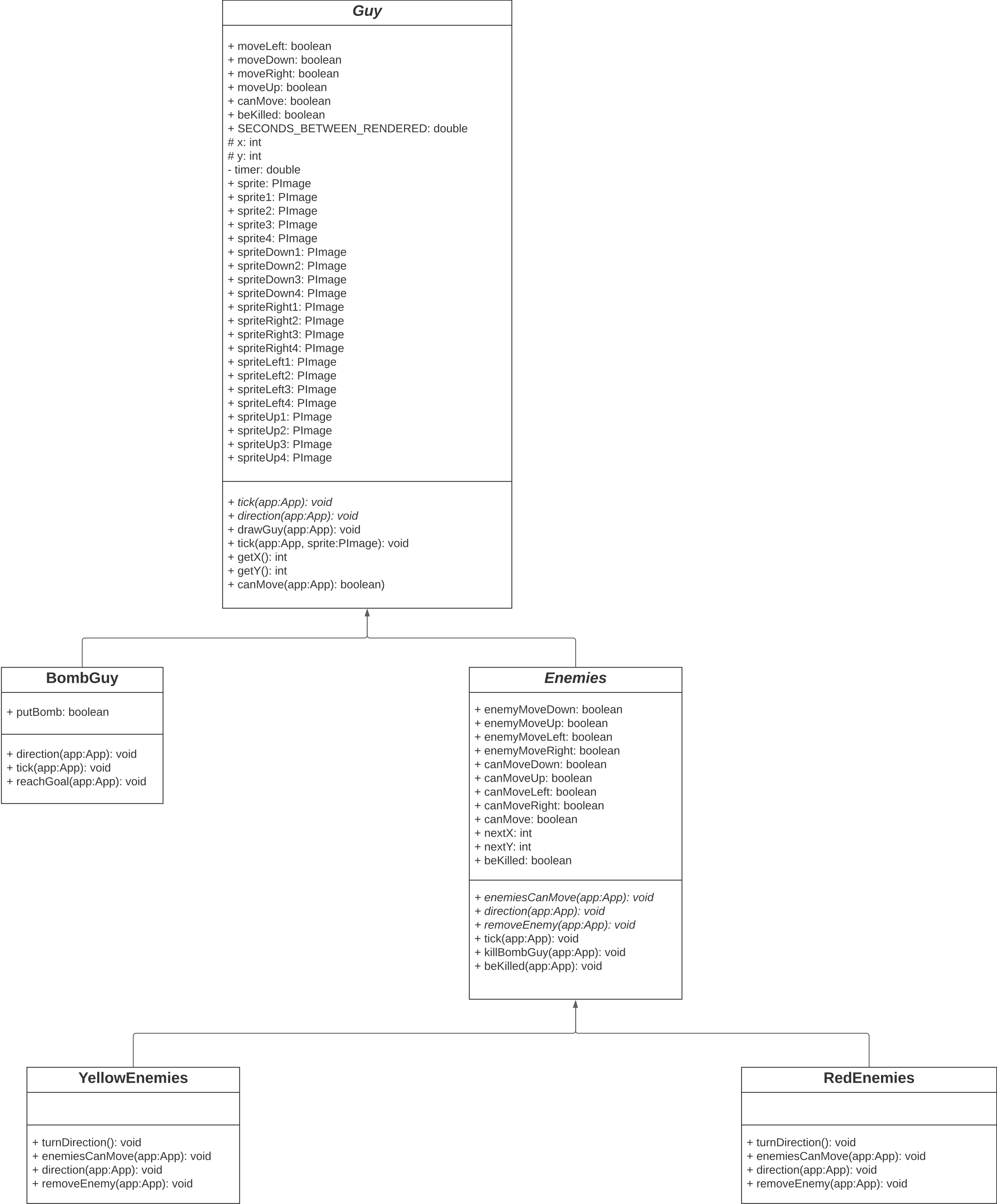


UML Diagram



Bomb
x: int # y: int + top1Y: int + top2Y: int + bottom1Y: int + bottom2Y: int + left1X: int + left2X: int + riith1X: int + right2X: int - timer: double + period: double + frameStart: int + sprite: PImage + sprite1: PImage + sprite2: PImage + sprite3: PImage + sprite4: PImage + sprite5: PImage + sprite6: PImage + sprite7: PImage + sprite8: PImage + explosionCentreSprite: PImage + explosionBottomSprite: PImage + explosionLeftSprite: PImage + explosionRightSprite: PImage + explosionTopSprite: PImage + explosionHorizontalSprite: PImage + explosionVerticalSprite: PImage + explosion: boolean + top1Wall: boolean + top2Wall: boolean + bottom1Wall: boolean + bottom2Wall: boolean + left1Wall: boolean + left2Wall: boolean + right1Wall: boolean + right2Wall: boolean + topBrokenWal: boolean + bottomBrokenWall: boolean + leftBrokenWall: boolean + rightBrokenWall: boolean + explosion: boolean + removeBrokenWallList: ArrayList<Integer> + locationX: ArrayList<Integer> + locationY: ArrayList<Integer>
+ setSprite(app:App): void + haveWall(app:App): void + loadLocation(app:App): ArrayList<ArrayList> + rangeExplosion(app:App): void + drawBomb(app:App): void + draw(app:App, sprite:PImage): void + getX(): void + getY(): void

LoadConfig
+ emptySprite: PImage + solidSprite: PImage + brokenSprite: PImage + goalSprite: PImage + clockSprite: PImage + playerLogoSprite: PImage + down1RED: PImage + down2RED: PImage + down3RED: PImage + down4RED: PImage + up1RED: PImage + up2RED: PImage + up3RED: PImage + up4RED: PImage + left1RED: PImage + left2RED: PImage + left3RED: PImage + left4RED: PImage + right1RED: PImage + right2RED: PImage + right3RED: PImage + right4RED: PImage + down1YELLOW: PImage + down2YELLOW: PImage + down3YELLOW: PImage + down4YELLOW: PImage + up1YELLOW: PImage + up2YELLOW: PImage + up3YELLOW: PImage + up4YELLOW: PImage + left1YELLOW: PImage + left2YELLOW: PImage + left3YELLOW: PImage + left4YELLOW: PImage + right1YELLOW: PImage + right2YELLOW: PImage + right3YELLOW: PImage + right4YELLOW: PImage + bombsprite: PImage + bombsprite1: PImage + bombsprite2: PImage + bombsprite3: PImage + bombsprite4: PImage + bombsprite5: PImage + bombsprite6: PImage + bombsprite7: PImage + bombsprite8: PImage + explosionCentreSprite: PImage + explosionBottomSprite: PImage + explosionLeftSprite: PImage + explosionRightSprite: PImage + explosionTopSprite: PImage + explosionHorizontalSprite: PImage + explosionVerticalSprite: PImage + bombsprite7: PImage + bombsprite8: PImage + redEnemiesList: ArrayList<RedEnemies> + yellowEnemiesList: ArrayList<YellowEnemies> + brokenWallList: ArrayList<Integer> + solidWallList: ArrayList<Integer> + goalTileList: ArrayList<Integer> + bombList: ArrayList<Bomb> + time: int + level: int + lives: int + gameOver: boolean + loseLives: boolean + nextLevel: boolean
+ loadConfig(path:String): HashMap<String, String> + loadMap(path:String, configList:HashMap<String, String>): ArrayList<String> + locationBombGuy(mapList:ArrayList<String>, bombGuy: BombGuy): void + enemiesIndexRED(mapList:ArrayList<String>): ArrayList<Integer> + enemiesIndexYELLOW(mapList:ArrayList<String>): ArrayList<Integer> + drawMap(mapList:ArrayList<String>, app:App): void + drawScreen(state:Boolean:boolean, app:App): void + drawUl(app:App, level:int): void + createEnemiesRED(app:App): void + createEnemiesYELLOW(app:App): void + loadBrokenWall(app:App): void + loadSolidWall(app:App): void + loadGoalTile(app:App): void + setSpriteBomb(app:App): void + setSpriteEnemies(app:App): void + setSpriteBasic(app:App): void + createBombList(app:App): void + clearInformation(app:App): void + gameOver(app:App): void + loadLevel1(app:App): void + loadLevel2(app:App): void + loadLevel3(app:App): void + drawAll(app:App): void