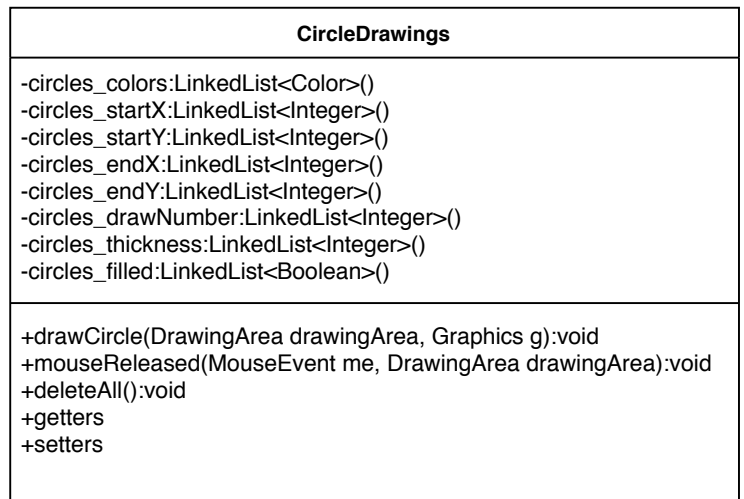
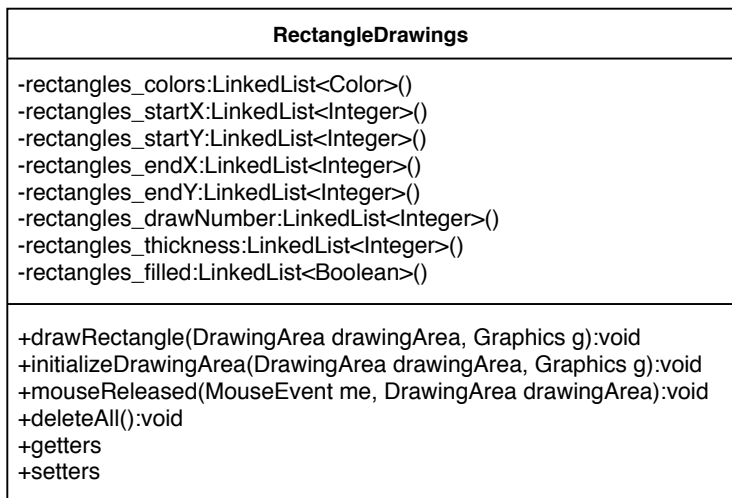
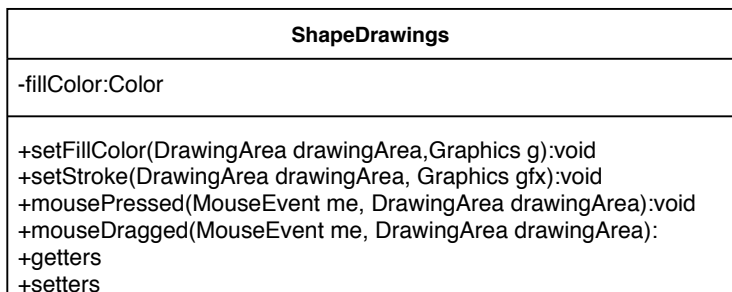
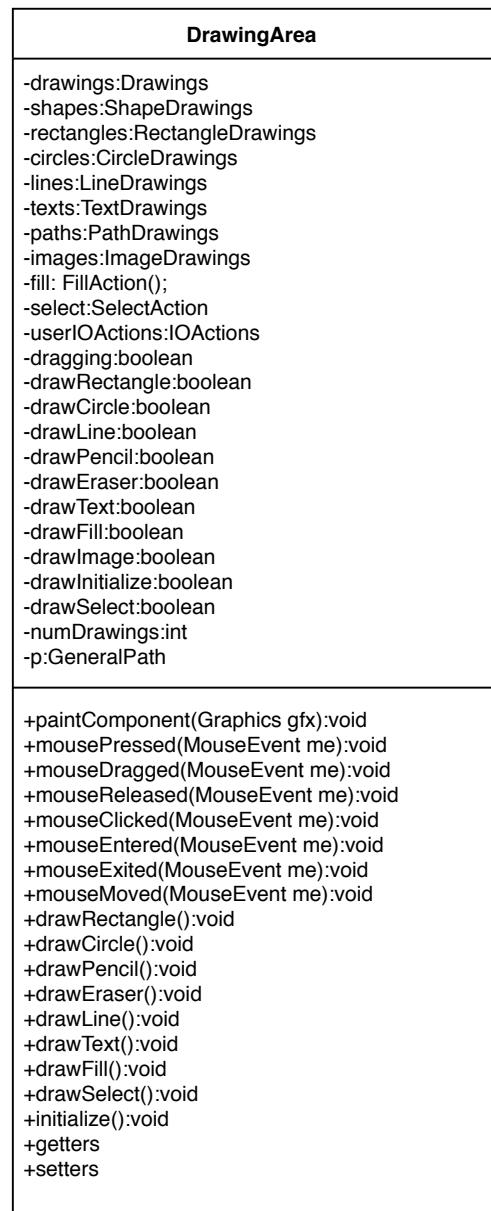
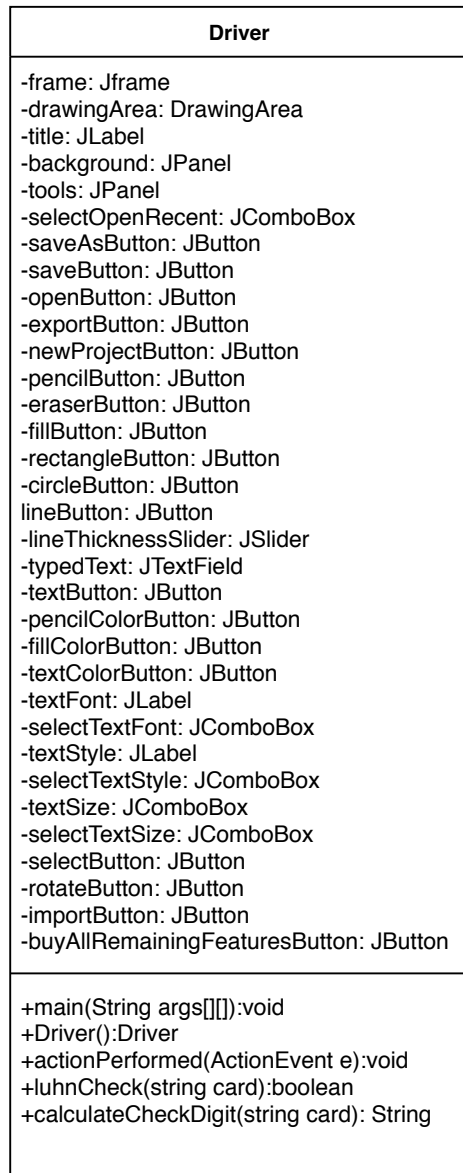
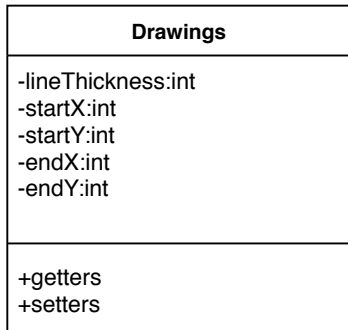
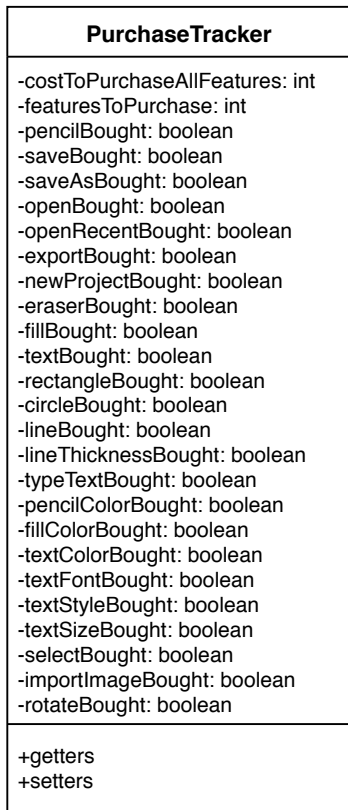


## PaintDotOrg UML Diagram



LineDrawings
-lines_colors:LinkedList<Color>() -lines_startX:LinkedList<Integer>() -lines_startY:LinkedList<Integer>() -lines_endX:LinkedList<Integer>() -lines_endY:LinkedList<Integer>() -lines_drawNumber:LinkedList<Integer>() -lines_thickness:LinkedList<Integer>()
+drawLine(DrawingArea drawingArea, Graphics g):void +mouseReleased(MouseEvent me, DrawingArea drawingArea):void +deleteAll():void +getters +setters

TextDrawings
-textToDisplay:String -textName:String -textStyle:int -textSize:int -textColor:Color -texts_color:LinkedList<Color>(); -texts_string:LinkedList<String>(); -texts_startX:LinkedList<Integer>(); -texts_startY:LinkedList<Integer>(); -texts_name:LinkedList<String>(); -texts_style:LinkedList<Integer>(); -texts_size:LinkedList<Integer>(); -texts_drawNumber:LinkedList<Integer>();
+setTextColor(DrawingArea drawingArea, Graphics g):void +drawText(DrawingArea drawingArea, Graphics g) +mousePressed(MouseEvent me, DrawingArea drawingArea):void +deleteAll():void +getters +setters

SelectAction
-selectStartX:int -selectStartY:int -selectEndX:int -selectEndY:int -selectedDrawingNumber:int
+mousePressed(MouseEvent me, DrawingArea drawingArea):void +mouseDragged(MouseEvent me, DrawingArea drawingArea):void +mouseReleased(MouseEvent me, DrawingArea drawingArea):void +mouseDraggedReleased(MouseEvent me, DrawingArea drawingArea):voic +setters +getters

RotateAction
-degrees:int
+mousePressed(MouseEvent me, DrawingArea drawingArea):void +mouseDragged(MouseEvent me, DrawingArea drawingArea):void +mouseReleased(MouseEvent me, DrawingArea drawingArea):void +mouseDraggedReleased(MouseEvent me, DrawingArea drawingArea):void +setters +getters

NonShapeDrawings

PathDrawings
-pointColor:Color -eraserColor:color -paths:LinkedList<GeneralPath>() -paths_thicknesses: LinkedList<Integer>(); -paths_colors:LinkedList<Color>(); -paths_drawNumbers:LinkedList<Integer>();
+setPointColor(DrawingArea drawingArea, Graphics g):void +setEraserColor(DrawingArea drawingArea, Graphics g):void +setStroke(DrawingArea drawingArea, Graphics g):void +drawPath(DrawingArea drawingArea, Graphics g):void +mousePressed(MouseEvent me, DrawingArea drawingArea):void +mouseDragged(MouseEvent me, DrawingArea drawingArea):void +mouseReleased(MouseEvent me, DrawingArea drawingArea):void +deleteAll():void +getters +setters

ImageDrawings
-images:LinkedList<BufferedImage>(); -images_startX:LinkedList<Integer>(); -images_startY:LinkedList<Integer>(); -images_endX:LinkedList<Integer>(); -images_endY:LinkedList<Integer>(); -images_draggable:LinkedList<Boolean>(); -limages_drawNumber:LinkedList<Integer>();
+drawImage(DrawingArea drawingArea, Graphics g):void +deleteAll():void +getters +setters

FillAction
+setFillColor(DrawingArea drawingArea, Graphics g):void +mousePressed(MouseEvent me, DrawingArea drawingArea):void

IOActions
-savePath:Path -saveFile:File -loadedImage:bufferedImage -openRecent:boolean -loadedImageDraggable:boolean
+saveAs(DrawingArea drawingArea):void +save(DrawingArea drawingArea):void +open(DrawingArea drawingArea):void +openRecent(DrawingArea drawingArea,Path loadFilePath):void +newProject(DrawingArea drawingArea):void+importImage(DrawingArea draw +setters +getters

