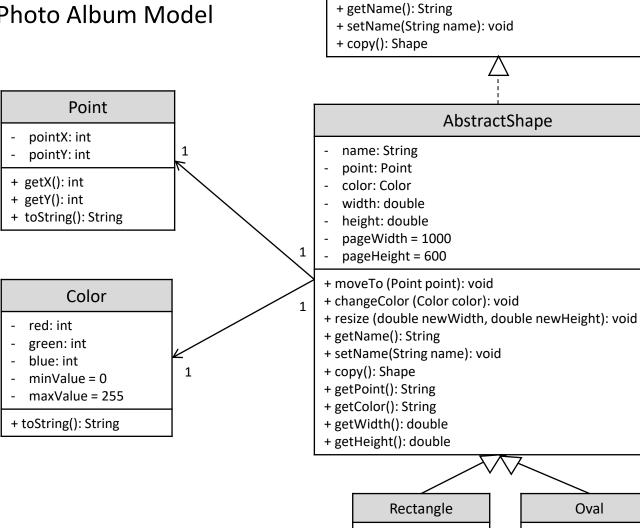
## Katie Davenport CS 5004 Homework 8 Part I: UML for the Shape Photo Album Model



<<Interface >>

Shape

+ resize (double newWidth, double newHeight): void

+ moveTo (Point point): void

+ copy(): Shape

+ toString(): String

+ copy(): Shape

+ toString(): String

+ changeColor (Color color): void

## 

0 ...\*

- + addShape(String identifier, Shape shape): void
- + removeShape(String identifier): void
- + takeSnapshot(String description): void

## AlbumImpl

- shapes: Map<String, Shape>
- snapshots: Map<Snapshot, Map>
- + addShape(String name, Shape shape): void
- + removeShape(String name): void
- + takeSnapshot(String description): void
- + getShapes(): Map<String, Shape>
- + toString(): String

0 ...\*

## Snapshot

- description: String
- snapshotId: String
- timestamp: String
- + getSnapshotId(): String
- + getTimestamp(): String
- + getDescription(): String
- + toString(): String