UML - Class diagrams

**Class**

**Stereotypes**

* Interface << interface >>
* Abstract class << abstract >> or *ClassName in Italics*

**Class level relationships**

**Generalization / Inheritance**

“is a”

**Realization / Implementation**

“implements”

The tail implements an interface in the arrow head

**Instance level relationships**

**Association or basic**

“has a”

Unless otherwise specified, navigation across an association is bidirectional, although it may be limited to just one direction by adorning some end with an arrowhead pointing to the direction of traversal.

**Dependency**

“uses”

Dependency is a weaker form of bond that indicates that one class depends on another because it uses it at some

point in time

Aggregation

The contained classes do not have a strong lifecycle dependency on the container. Aggregation: The empty romboidal side contains the other side