

# CSC343 Worksheet 15 Solution (Final)

July 13, 2020

## 1. Notes:

- UML
  - Was developed originally as a graphical notation for describing software designs in an object-oriented style
  - Offers the same as E/R model, with the exception of multiway relationship

| UML               | E/R Model   |
|-------------------|---|
| Class             | Entity set  |
| Association       | Binary relationship                                 |
| Association Class | Attributes on a relationship                        |
| Subclass          | Isa hierarchy                                       |
| Aggregation       | Many-one relationship                               |
| Composition       | Many-one relationship<br>with referential integrity |