5. Domain Analysis

**5.1 Domain Model**

*Show the process of deriving the domain model and then draw the diagram. Provide text description of:*

* *Concept definitions*
* *Association definitions*
* *Attribute definitions*
* *Traceability matrix - show how your use cases map to your domain concepts.*

**5.2 System Operation Contracts**

*Should be provided only for the operations of the fully-dressed use cases elaborated in Section 3.c), (Use Cases) for their system operations identified in Section 3.d). (System Sequence Diagrams)*

**5.3 Mathematical Model**

*Do you use any mathematical models? E.g., you may use a statistical model for stock price prediction, or a geometric model for computing the trajectories for animate figures in a video game. If NO, skip to the next item; if YES, describe precisely your model.*

**Sample Report**

**Domain Model**

