Analysis Phase Requirements

1- **Cover Page**

2- **Table of Contents (with page numbers)**

3- **Domain Analysis**

All a. **Concept Statement (at least two and at most 3 pages – single spaced)**

Cam b. **Conceptual Domain Model (i.e., Class Domain Model)**

      i. **Classes, Associations, Attributes**

      ii. **Generalization and Specialization**

      iii. **UML OCL Constraints (at least 5 constraints)**

Zach c. **Domain State Model**

4- **Application Analysis**

Sean a. **Application Interaction Model (at least 15 top-level use cases)**

      i. **Essential Use Cases, Scenarios, and High-level SSD**

      ii. **Concrete Use Cases and Detailed SSD**

Dylan b. **Application Class Model**

      i. **Classes, Associations, Attributes**

      ii. **Generalization and Specialization**

      iii. **UML OCL Constraints (at least 5 constraints)**

Daniell c. **Application State Model**

5- **Consolidated Class Model**

6- **Model Review (1-2 pages)**

    a. **Evaluation of your models for completeness, consistency, and correctness criteria (within and across diagrams)**

    b. **Clear articulation of the strengths and weaknesses of your models against the criteria.**