**Iteration #5 Deliverables**

|  |  |
| --- | --- |
| **Item** | **Description** |
| Class diagram  **Savanah** | From the collection of sequence diagrams and class diagrams created for Assignment #3, generate a class diagram for all problem domain classes. Add classes for use cases not covered in Assignment #3. Include data attributes, operations, and associations among classes. Use the guidelines in the SAD text in formatting the class diagram.    Explain the class diagram in terms the client would understand. Also, provide a brief narrative explaining how the diagram was derived using either: (1) CRC cards; (2) verb-noun analysis; or (3) prototype analysis. |
| Database design and data definitions  **Zac** | Create the data storage classes (tables) for a relational database management system deployment. Design the database in 3NF. Explain design decisions needed to achieve 3NF. Use the guidelines in the SAD text in formatting the data management layer class diagram.    Also, provide data descriptions (data types and sizes) for the attributes of each table; i.e., a database designer would have adequate information to create the database tables and fields. |
| User interface navigation diagram and screen layouts | Create a Window Navigation Diagram depicting the screens needed to realize the use cases. Use the guidelines in the SAD text in formatting the diagram.    Provide screen layouts for input screens/forms (data capture) and output screens/reports (data presentation). Layouts may be borrowed from the HTML prototype (recommended) or presented in storyboard form. Explain how the screen layouts realize the use cases. |
| Gantt Chart  **Tyler** | Provide Gantt chart(s) showing project tasks for two periods:  · Iteration 4  · Iteration 5 and Elaboration Spec  Gantt chart(s) should identify:  · Task ID number and name  · Task start date and duration  · Task responsibility (individual team member level)  · Task dependencies |
| Use Interface Prototype  **Already Done** | Create a high-level prototype (HTML or similar screen mockups) that represents the data needs and process flows of all use cases. The prototype may not connect to databases or use anything other than the minimum of programming. |