Test 1

Preparation Exercises

Use-Case Description Test Preparation

Each group review together your group's Use Case Description for Scrum Master views burndown chart. Check that:

1) The flow description is ***Testable***

2) Does the Use Case success flow follow our convention as stated below:

Our convention (***also for Test 1)*** is:

In the basic success flow we show the system response checking the business rules and we assume that they pass. We do **not** ignore the business rules in the basic flow but we save **how** we handle business rules failures for the alternate flows.

3) Are all the other Use Case sections correct?

Sequence Diagram Test Preparation

Each group review together your group's Sequence Diagram for Scrum Master views burndown chart. Check that it follows our class conventions:

1. Label our analysis classes with <<Boundary>>, <<Control>>, or <<Entity>>
2. We show communication with our Data Base thru a data base boundary class. ORM is part of our OO Analysis and Design.
   A. If we are ***adding*** an entity class to the DB we show the controller "new" of the entity class and then later the DB boundary class will show the ***create*** to the DB.
   B. If we are ***updating***, ***reading***, or ***deleting*** an entity class that already exists in the DB, we show ***first*** the controller reading the entity class from the DB.
   C. We show the return of the entity class with a comment.
   D. We show the entity class is active when an object (will usually be the controller) is getting or setting data in the entity class.
   E. We show the **update** or ***delete*** operations from the DB boundary class to the DB at the time the save or delete occurs.

VOPC Test Preparation

Each group review together your group's VOPC for Scrum Master views burndown chart

Check that

1) Are all the classes used in the sequence diagram in the VOPC?
2) Are all the messages between classes from the sequence diagram distributed to the correct classes as methods in the VOPC?
3) Have you shown important attributes that make your VOPC easier to understand?
4) Have you shown the class associations that make your VOPC easier to understand?
5) Have you shown multiplicity information that makes your VOPC easier to understand?