Testing and Implementation

Exercise

1) Install unicase
Go to the unicase project homepage (http://unicase.org) and follow the instructions to install unicase into your Eclipse. Choose installation option 1

2) Getting started with unicase
Follow these video tutorials on unicase.org:
   - Getting started
   - Collaborating with others (commit/update)
You can log into the unicase server with the account information you received from Helma Schneider. You can checkout the project “Lecture SEE2009 Team <x>” where <x> is your team number, you assigned to in the last exercise session. Login to the server, checkout and browse your project with unicase.

3) Plan your work items
We have already prepared a number of action items for your team. Use the Status View of unicase to plan your work items as explained in the exercise session (see slides). Plan the two existing iterations for the two upcoming weeks: “Iteration 1” and “Iteration 2”. Assign the implementation and test for a requirement to different team members. Also assign one team member as reviewer to each work item.

   Hint: Try “Test First”! Write a test before implementing the requirement. You can make the testing action item a predecessor of the implementation action item to express this in sprint planning.

4) Create the required plugins for implementation and testing
Create one plugin for the implementation with the name “Validation<x>” and one plugin for your tests with the name “ValidationTest<x>” where <x> is your team number. You can create the plugin the same way you did in the first exercise, but you do not need to select a template in the plugin creation wizard. Remember to set the plugin dependencies correctly:
   - Validation depends on org.unicase.workspace
   - ValidationTest depends on Validation
Share the two projects to your team folder in the SVN. Your team folder should then contain three folders with your three projects:
   - “HelloWorld<x>” (from exercise 1)
   - “Validation<x>”
   - “ValidationTest<x>”

   Hint: See Exercise backup slides for more information
5) **View and complete your work items**

Use the Task List View to see which task you need to do next and start with the implementation. If you complete a task, check it as “Resolved” as soon as possible, so the reviewer can start with his/her review. As a reviewer mark the item as “Done” as soon as you did successfully review it. In case the work item did not pass your review, remove the “Resolved” flag, this will return the item to the assignee.

**Hint:** There is no need to write emails about reassigning work items; the involved team members will be automatically notified by the Dashboard.