View Site As: - Select Role - ▼

COMSW4156_001_2014_3: ADVANCED SOFTWARE ENGINEERING (Fall 2014)

Home	
Dashboard	
Announcements	
Calendar	
Piazza	
Syllabus	
Assignments	
Gradebook	
Mailtool	
Roster	
Textbooks	
Files & Resources	
Site Settings	
Evaluation	
Help	

Assignments

Viewing assignment...

▼ Settings for "Requirements (2014 Team Assignment 3)"

Created by	Gail E. Kaiser
Date created	Sep 20, 2014 8:15 am
Open	Sep 24, 2014 12:00 pm
Due	Oct 7, 2014 5:00 pm
Accept Until	Oct 7, 2014 5:00 pm
Modified by instructor	Sep 24, 2014 11:44 am
Student Submissions	Single Uploaded File only
Number of resubmissions allowed	Unlimited
Accept Resubmission Until	Oct 7, 2014 5:00 pm
Grade	Points (max 20.0)
Alert:	Yes
Honor pledge:	Yes

Assignment Instructions

Every team will be assigned a specific TA. Your entire team must hold a preliminary meeting with your TA as part of this assignment and prior to submitting the written assignment (and, in particular, prior to the deadline for the written part of the assignment).

Your team requirements document should consist of a single file uploaded to courseworks plus the specified material entered into JIRA at http://ase.cs.columbia.edu/jira. Each team should have a corresponding group that supports both JIRA project tracking and source code control git repositories (at http://ase.cs.columbia.edu/stash). If you have trouble accessing your group, contact Riley. Only one member of your team should submit the courseworks file (but all team members can edit jira and stash). You may submit as often as you want up to the deadline.

The first page of your document should indicate your team name and list the full names and uni's of every team member.

The second page should give a short synopsis (overview) of your proposed project. This can be copied verbatim from your proposal if nothing has changed.

The third and remaining pages should present your requirements and initial testing plan.

First transcribe all your user stories from the proposal into JIRA. Then modify these user stories and/or add new ones if appropriate. Next elaborate (still in JIRA) these user stories into use cases; some user stories might correspond to multiple use cases. These use cases should describe the system your team plans to develop *independent of* the implementation technology. You do not need to use UML (or any other formalism) to define the use cases. Associate labels (e.g., 1, 2, 2.1, 2.2) and priorities (e.g., high - must have, medium - nice to have, low - will include only if time permits) with each use case; it may be most practical to stick solely with highest priority (baseline) requirements. You should provide sufficient detail such that, in principle, some other team could implement the system using entirely different implementation technology.

For each use case, construct a set of prose acceptance test cases (no code yet). This should also be entered into JIRA, cross-referenced with their use cases.

Finally, transcribe your use cases and corresponding test cases into your requirements document and submit this document on courseworks.

Some samples from last year are attached. Note the assignment was different last year. The user stories and

Some samples from last year are attached. Note the assignment was different last year. The user stories and use case parts were the same, but they were asked to develop tasks and a schedule instead of acceptance test cases.

Additional resources for assignment

[requirements_planning.pdf](#) (311 KB; Sep 20, 2014 10:14 am)
[RequirementsandPlanningDocument.pdf](#) (208 KB; Sep 20, 2014 10:14 am)
[ASE - 6M - Project Proposal with Requirements and Planning.pdf](#) (815 KB; Sep 20, 2014 10:14 am)

▶ Student view of the assignment "Requirements (2014 Team Assignment 3)"

CourseWorks runs on Sakai[2.9-COLUMBIA (2016_3-1830) - kabocha-ci], set to EST.   CourseWorks Help/Support