COMSW4156_001_2014_3: ADVANCED SOFTWARE ENGINEERING (Fall 2014)

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Assignments

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Created by	Gail E. Kaiser
Date created	Aug 27, 2014 1:13 am
Open	Aug 28, 2014 12:00 pm
Due	Sep 23, 2014 5:00 pm
Accept Until	Sep 23, 2014 5:00 pm
Modified by instructor	Sep 6, 2014 11:47 am
Student Submissions	Single Uploaded File only
Number of resubmissions allowed	Unlimited
Accept Resubmission Until	Sep 23, 2014 5:00 pm
Grade	Points (max 20.0)
Alert:	Yes
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Assignment Instructions

Your team project proposal should consist of a single file. Only one member of your team should submit. You may submit as often as you want up to the deadline, the teaching staff will only look at the final submission.

The first page of your proposal should give your team name and list the full names and uni's of every team member (if you have changed your team name since the team composition assignment, say so).

The second page of your proposal should give a short synopsis (overview) of your proposed project and a list of the technologies you plan to use, most significantly including in particular the software framework (in most cases this should be Javaplay, Ruby on Rails or Python/Django).

Your project must leverage at least one publicly available data API and a persistent and queryable backend database, e.g., MySQL. Your code may also use any other publicly available (at no cost) APIs and software packages, but you must document whatever you use - for this assignment just list those you think you might use (you can change this later). Your project must run on the virtual machine provided for the class,

Your project should do something "interesting" with the data retrieved using the API. The API must be accessed in real time as needed, not just for a dataset download (but keep in mind some APIs may have restrictions on number of accesses per unit time). A long but non-exhaustive list of APIs is posted at http://www.programmableweb.com.

The third and remaining pages of your proposal should present user stories (or usage scenarios) describing what your system will do from the end-users' perspective, considering only baseline requirements necessary for your software to operate. You do not need to prepare formal use cases for this assignment. Each user story should have a unique title and a brief description, and be accompanied by one or more acceptance test cases (described in prose, not code) intended to check that your system does everything required by the user story and does not do anything that would contradict any of your user stories.   These informal test cases should consider the possibility of a confused end-user who does not understand how to use your system and what to enter in response to prompts. (You do not need to worry about malicious end-users ... yet.)

Some sample proposals from last year are attached. Note that last year the corresponding assignment did not require acceptance test cases, so these proposals did not include them.

Additional resources for assignment

proposal.pdf (144 KB; Sep 6, 2014 11:35 am)

6M - ASE Project Proposal.pdf (101 KB; Sep 6, 2014 11:35 am)

ProjectProposal.pdf (123 KB; Sep 6, 2014 11:45 am)

▶ Student view of the assignment "Project Proposal (2014 Team Assignment 2)"

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

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