

HW8 (team): Second implementation

In this homework, you will describe your second implementation of your system.

Perform the following:

1. Implement your assigned tasks using pair programming
2. Act as a customer and test your teammates' work
3. If you have questions, ask your customer (by email) for more information
4. If you cannot complete your tasks, let your customer know
5. Revise your estimates
6. Renegotiate with your customer (by email) about what will be completed this week

Submit a PDF containing the following parts:

1. What is the URL where your software can be tried out or downloaded? Describe any special instructions for using or installing the software (e.g.: Firefox browser only, Windows only, JRE must be installed, etc) (approx 1/2 page)
2. For each user story due today, answer the following (total for all user stories due today, approx 2 pages):
 - a. Which pair(s) of teammates worked on its tasks?
 - b. What do the relevant unit tests do?
 - c. What problems, if any, did you encounter?
 - d. How long did each task require?
 - e. What is the current status (implemented? tested?)
 - f. What remains to be completed?
3. Were there any diagrams that you wish that you had? Why or why not? (approx 1 page)
4. Briefly describe any refactoring that you did (approx 1 page)
5. If you had to ask the customer any questions, indicate what those questions were and what the customer's response was. Briefly describe any surprises or requirement changes that you encountered. (If your customer does not answer your question within 24 hours, then note this and proceed as best as you can.) (approx 1/2 page)
6. Briefly describe all customer tests that you did on the system, the test results, and any changes that you made (or will make) to the system as a result. (When you do these tests, don't be soft. Do a good job -- your goal is to build an awesome system!) (approx 2 pages)
7. What user stories remain to be done, what is your time estimate for each of these user stories? (approx 1 page)
8. In one sentence, briefly summarize whether your customer was willing and able to talk with you by email in a timely fashion. If you do not receive a response within 24 hours, proceed as best as you can without customer input.
9. Briefly summarize the contribution of each of your team members.

In addition to the PDF, for this homework only, you will need to make an in-class presentation on the last day of class. One or more of your teammates (your team's choice) will use PowerPoint to give this 15-minute presentation. The presentation must cover the following:

1. Give an overview of three to five user stories (10 minutes worth)
 - a. For each user story, demo the part of your system that supports the story
 - b. Make sure to show off some of the interesting aspects of your system

2. Describe some things that went better than expected during this project
 - a. Considering these things, what (if any) recommendations would you make for carrying out future projects?
3. Describe some problems your team faced during development
 - a. Could they have been avoided and how?
4. Looking ahead to your future, which XP practices are you likely to use and why?
 - a. Which would you probably not use and why?

Some comments

Your work will be graded based on whether the content of your PDF and presentation appears to be unambiguous, clear, and complete. The page estimates above total 8 pages, but you may turn in up to 15 pages at your discretion.

You can divide this work however you like among your team, following the plan that you developed in HW6 and HW7.

Copyright (c) Christopher Scaffidi 2009 All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of Oregon State University nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Modified by Scott D. Fleming <Scott.Fleming@memphis.edu> 2011.