

Software Engineering Practice

Coursework 1 : Plans and Methods

In your project groups, write a short document (probably 2-3 pages) on how you are managing your project, and the software engineering methods you are using. You can use this material in your final project report later - you can refine it later for the final project report deadline, but writing it now achieves a milestone, and gives you the opportunity to get some early feedback.

Methods

The software engineering course introduces three distinct agile methods: Extreme Programming (XP), Scrum, and Kanban. Pick one of these to follow for your project. Unless you have a lot of previous experience with these methods, we do not recommend trying to combine them or mix-and-match. You are better off picking one method and following it rigorously.

In your report, state which method you have chosen, why you chose it, and what this means for your team and how you work. Describe briefly the practices that you are employing and demonstrate how you are following your particular chosen method.

Planning

Show your project plan, in whatever form it takes. Describe how you came up with the plan, and how you will manage the work. Be specific about what you are doing in your project. What requirements do you have? How have you captured those? What is your current plan?

The project has four iterations of two weeks each, at the end of which is a checkpoint. What do you plan to be able to demonstrate at each checkpoint? You might change your plans later, but it is good to have an initial plan to start from. How have you estimated what work you will be able to complete by the deadline?

Deliverables

Each group should submit one report. Introduce your project with a short paragraph to give context.

Sign-off

Show your plan to your supervisor and discuss it to check that they think it is reasonable. Print the second page of this spec, ask your supervisor to sign it, and submit it to Cate along with your plan.

Deadline and Submission

Submit your document and sign-off sheet to Cate by **7pm on Wednesday 12th October**.

Software Engineering Group Projects - Project Plan Sign-off

Due Date: Wed 12th October 2016 (7pm)

Print out this form, take it with you when you discuss your plan with your supervisor, and ask them to sign it to say that they are happy with what you are planning to do. Then scan the signed sheet and submit it to Cate.

Your supervisor will be asked to review your plan. Together with their feedback, you will be marked based on how well you have analysed the problem, how well you have planned out your activities, whether your schedule is realistic, and whether it seems likely that your customer will end up with a useful product.

Group Number:

Group Members:

Supervisor name:

I certify that I have seen a project plan from my project group that I think is reasonable, given the project brief that they were set. I am happy with where the group plans to get to by the first iteration checkpoint at the end of week 3.

Supervisor Signature:

Date:
