

Week 12 Tutorial

Goals

1. Review work completed so far on the requirements specification.

Assumptions

1. You have draft material for all sections of the requirements specification.

Activities

Activity 1 (30 min.)	If you have not already done so, estimate the size of each use case. You may use planning poker to perform the estimation. If you use planning poker, still use story points as your size measure.
Activity 2 (15 min.)	<p>Take one of the smaller, but non-trivial, use cases for which you have a description. Break it down into a set of detailed tasks that need to be done to deliver all scenarios within the use case. Estimate the number of hours required to complete each task. Your estimates should be based on your current team members and their skills. Remember, when estimating, that use cases are typically much larger items of functionality than a user story.</p> <p>Use the formula from the week 5 tutorial to calculate your team's velocity. Assume everyone on your team will be able to work full-time (40 hours per week) on the project. Use this velocity to create the release plan.</p>
Activity 3 (20 min.)	Perform a review of your team's requirements specification. Individually read through all parts of the document looking for issues. Use the requirements specification checklist from the week 12 lecture as a guide. You will want to look for other issues than just the types described in the checklist, but it may be a useful starting point. Make a note beside each issue you identify in the document.
Activity 4 (30 min.)	<p>As a team, perform an informal inspection meeting of your requirements specification. Nominate one person to be the reader and another person to be the recorder.</p> <p>The reader should lead the team through each small section of the document, asking team members if they have identified any issues with that section. If you are running out of time, you should focus on important sections of the document first.</p> <p>The recorder should record any issues that the team agrees could be improved. The record can be kept in the requirements specification document, or in a separate document like a spreadsheet. Each issue should be classified as being major, minor or grammatical.</p>
Activity 5 (15 min.)	As a team decide how you will deal with the issues you have identified. Prioritise the issues and allocate tasks to team members to resolve the important issues. You may decide that some minor issues will only be dealt with if time allows prior to the submission deadline.

Required Outcome

Estimates of at least the use cases in the first release and an initial idea of team velocity. Prioritised list of issues with the requirements specification and a plan of how to deal with the issues.

Further Work

Complete the requirements specification and submit it before 4:00pm on May 30.