



CS5030 - Software Engineering Principles

Assignment 1 – Class-wide Feedback

Discussion of importance of software to society

- One good structure would be an overall statement of the extent to which software has impacted society, followed by a list / summary of broad areas that have seen impact and a few specific examples.
- Any data you can use to illustrate your points, for eg, regarding internet / device usage and economic impact of software, would strengthen the section.

Discussion of achievement / failure caused by software

- You should choose an achievement enabled by software or failure caused by software. The latter implies a scenario in which deployed software didn't behave as required. Issues relating to project or personnel management are interesting but they aren't what the specification for this assignment required.
- You should introduce the context and provide details of the achievement or failure and its consequences. Ideally you would also relate these details to software engineering concerns and practices but this wasn't strictly required in this assignment.

Report

- For group assignments, you should include your by group number and matriculation numbers of all members in the shared group report. Please do not include your names in submissions.
- For technical reports (unlike essays), you can have sections with their own headings to clearly identify different parts of the content.
- You should have a suitable amount of content in different parts of the report addressing different requirements. This comes with practice. For example, consider whether the specification requires a discussion of a general concept illustrated by examples, or a description of a specific topic, preceded by some context and followed by some reflection and conclusions.
- It is important to have a logical flow to the narrative. Keep related content close together. A better report would bring together content from different sources and present, discuss and reflect on it in a logical way.
- For academic submissions, use a relatively formal writing style. Your statements should be precise and clear.
- Stick to any word limits. If you are asked to provide a word count, you must do so.
- Both report body and references should be formatted consistently and in an easy to read manner.
- Proofread the report, looking for gaps in arguments and duplication of content.