

**COMP 3520 / 4530 – Software Engineering**

Assignment #6: Quality Management

## Due Date: Beginning of your Lecture on Tuesday April 3rd, 2018

**Topics:**

* Quality Management (Ch. 24)

**Introduction:**

How can we be assured that the software is delivered with acceptable quality?

**Problem:**

For your startup company, explain the approach to quality management that you will use to deliver software. A few items needs to be addressed:

* What are the key approaches to quality you will utilize in your company?
* What are the metrics that you will measure to try and access software quality?

**Report:**

Create a formal report, including a cover page, table of contents, executive summary, body, conclusion and bibliography with references. Include page numbers, and figure references, etc. This report should be 3 to 5 pages (of content) in length.

**Key Questions:**

* Can a customer be confident that the product you are producing is of acceptable (high) quality?

### Marking Rubric

The marking of this assignment requires the student to demonstrate knowledge of how to build a quality software product. The following grading rubric will be applied:

|  |  |  |
| --- | --- | --- |
| **Criteria** | **Requirements** | **Mark** |
| **Quality Plan**  **40%** | What are the key approaches to quality you will utilize in your company?  Typically a page or two in length. | **/40** |
| **Metrics analysis**  **30%** | What are the metrics that you will measure to try and access software quality  Typically a couple of pages in length.  Able to apply the components of theory on team structure into an actual team organization. | **/40** |
| **Report Format**  **30%** | Quality of the written report. | **/20** |
| **Total /100** | | |