SE 4381, Software Project Planning and Management
Team Assignment T02 – Report

The project is a team assignment. There are multiple deliverables associated with the team project, and I recommend that you do internal milestones that reflect the management topics we are covering in class.

For your assigned topic, your team will write a report, along with a presentation to be made during the last few weeks of class. You will also fill out a lessons learned report and rate each of your teammates on their contributions to the project.

No minimum or maximum page limit for the report – whatever is necessary to cover your topic adequately. Double-spaced, 12-point font. Use section headers.

Minimum of six references, which may be from books (chapters), peer-reviewed journals, or peer-reviewed professional conferences. References from other sources, e.g., the Web, are allowed once you have the six.

Mandatory sections of the report
- Introduction (describes the topic, summarizes why it is important)
- Summary of each of the major references
- Addressing the key questions about your topic
- Summary of what you learned
- References

I will give you some flexibility in how you organize your report, so long as it corresponds to the categories above. For example, you may summarize the references in one section or break them out into separate sections.

Presentations
- Must be 10-15 minutes long
- Not every team member has to be a presenter
- Same mandatory sections as report

Teams assigned to project topics

1)	Compare and contrast Scrum with traditional project management. How does estimating differ? How does planning differ? How does risk management differ? How does monitoring progress differ?	**TEAMS 1, 7**
2)	Compare and contrast kanban with traditional project management. How does estimating differ? How does planning differ? How does risk management differ? How does monitoring progress differ?	**TEAM 2**

3)	Compare and contrast critical chain project management with traditional project management. How does estimating differ? How does planning differ? How does risk management differ? How does monitoring progress differ?	**TEAMS 3, 6**
4)	Describe how teams are structured in Constantine's structured open teams. How are decisions made? Are team members self - organizing? Empowered? What is the role of the team leader?	**TEAM 4**
5)	Describe what a virtual (distributed) team is. What unique problems do virtual teams have? What are some of the solutions proposed for these teams? Can virtual teams use agile methods, which emphasize co-located teams (and still be considered agile)?	**TEAM 5**

Note that many questions focus on how the topic differs from traditional project management. This means going beyond a summary of how, for example, you do estimating in Scrum to what is better or worse about how Scrum does estimating compared to traditional project management.

Internal milestones
- Outline the report.
- Identify each of the tasks that need to be performed to complete the project.
- Estimate the effort for each task.
- Assign tasks to team members.
- Plan how your team will do the work.
- Perform the tasks, recording the effort required in doing each (recommend tenths of an hour as a unit of measure).
- At the end of each week, summarize what was done by the team.
- Write and submit the report.
- Write and present the presentation.
- Write and submit your lessons learned.
- Rate each of your team on their contributions.

Note that your lessons learned will include questions on how you performed on the above internal milestones, so doing them will help you write the lessons learned report.

Grading Rubric for the Report

Each of the mandatory sections is worth 20 points

Summaries should address at least the six required peer-reviewed papers (or book chapters); more references are allowed, including non-peer-reviewed

References should be complete for all the cited papers, not just the six required papers.