

Assignment 1 : Individual Report

The Course Objective (CO) assessed in this assignment is CO5: Recognize the issues in development and operations of software solutions in the industry.

Listen to TED Talk by Linus Torvalds, the man who transformed technology twice; Linux and Git. Listen to the talk through accessing the first video in this link: https://www.ted.com/talks/linus_torvalds_the_mind_behind_linux?language=en

After listening to the abovementioned talk, produce a report not more than 10 pages on the talk, which consists, but not limited to, the following:

- a) A summary of the talk;
- b) What is the latest trend in the open source software / software development industry?
- c) What are the challenges of development, delivering and maintenance of software?
- d) What are the tools and best practices used to make software development process more effective and with high quality?
- e) What are the questions that you personally have asked during the talk, and what are the responses from the speakers.
- f) Your opinions and comments of the talk/speaker/technology/topic/ etc.
- g) If you were to pick ONLY ONE (1) question out of the whole session that interests you, which one will that be, and why?

Submission Procedure:

- 1) Name your report as the following:
UECS2363A1_<ID>.pdf, where <ID> denote your university identity number. e.g. **UECS2363A1_UEB111111.pdf**
- 2) Submit the softcopy of the report via WBLE (<https://ewble-sl.utar.edu.my/>) before **6.00pm, 31 July 2018 (Friday)**.
- 3) Report content formatting:
 - i. Font-type: **Times New Roman**
 - ii. Font-size: **12pt**
 - iii. Paragraph: **Single spacing**
 - iv. Alignment: **Justified**

UECS2363 SOFTWARE CONSTRUCTION AND CONFIGURATION

UECS2363 Assignment 1 Marking Rubrics:

Criteria	Lowest		Highest			Total (25%)
	1	2	3	4	5	
Language clarity and formatting.	Poorly articulated ideas in own words / similar with other sources and messed up formatting.	Large improvement for ideas articulation in own words and formatting.	Acceptable articulation of ideas in own words and followed pre-defined formatting.	Good explanation of ideas which leading readers to understand quickly and well-arranged report.	Original, great explanation and well-arranged report.	
Knowledge: identify software development issues.	Issues are poorly articulated in own words / not identified / similar with other sources.	Large improvement in articulation of the software development issues in own words.	Software development issues listed out / explained briefly.	Good explanation of the software development issues which portray good knowledge.	Great explanation which portrayed ability to apply the knowledge.	
Comprehension: understand and illustrate implication of software development issues.	Issues are poorly explained in own words / not understood correctly / similar with other sources.	Large improvement in illustrating understanding of implication on software development by different issues.	Implications of different issues on software development were explained briefly.	Good explanation of the implications of software development issues which portray good understandings.	Great explanations which portrayed ability to apply the understandings.	
Analysis: compare and comment software development practices.	Practices are poorly articulated in own words / similar with other sources.	Large improvement in comparison and explaining own opinions for best practices.	Comparisons and own opinions were briefly elaborated.	Good comparisons and explanations of own opinions which portray good understandings.	Great explanations which portrayed ability to apply the best practices.	
Evaluation: recommend based on overall understanding from the talk.	Overall understanding from talk are poorly articulated in own words / similar with other sources.	Large improvement in explaining own understanding and recommendation as perceived from the overall talk.	Explanations and recommendations with own opinions were briefly elaborated.	Good explanations in own words/ opinions which portray good findings from the overall talk.	Great explanations which portrayed ability to recommend overall software development process.	