**RESEARCH METHODOLOGY (UANP0013)**

**RESEARCH DESIGN**

Student’s Task:

1. The students need to read and understand the case study given. You may refer to:
2. Case Study of Extreme Programming in Stage-Gate-Context (refer to page 133-146 of the document)
3. Case Study of Two Longitudinal Case Studies Of Software Project Management (refer to page 149-160 of the document)
4. Case Study of A Case Study Of The Evaluation Of Requirements Management Tools (refer to page 171-181 of the document)
5. Students are required to choose only **ONE** case study.
6. Students need to identify the element of research design for the particular case study. The elements are:
7. Rationale of the study: Why is the study being done?
8. Purpose of the study: What is expected to be achieved with the study?
9. Case of the Study: Overall, what is being studied?
10. Unit of analysis: What is being studied?
11. Theoretical of the Study: What is the theoretical frame of reference?
12. Research Questions: What knowledge will be sought or expected to be discovered?
13. Concept and Measure of the study: How are entities and attributes being defined and measured?
14. Method of Data Collection: How will data be collected?
15. Method of Data Analysis: How will data be analyzed?
16. Case Selection Strategy: How will data be identified and selected?
17. Replication Strategy: Is the study intended to literally replicate a previous study, or theoretically replicate a previous study; or is there no intention to replicate?
18. Propositions: What particular (causal) relationships are to be investigated
19. Quality Assurance, Validity and Reliability: How will the data collected be checked for quality? How will the analysis be checked for quality?

Submission:

The assignment need to be submitted on **18 May via hardcopy**.