

CS4442/9542 COURSE PROJECT REPORT

Excellent: 5; Very good: 4; Good: 3; Basic: 2; Poor: 1; Missing: 0
(partial marks allowed, e.g., 3.7)

FORMAT & STYLE (10 points)

- Strictly follow the IEEE conference template for the report
- Title page includes (centred): Project title; Student's Last and First names; "Department of XXX"; "Western University"; Email

ABSTRACT (5 points): Context and problem description; solution [or study] focus, description, and results; novelty/contributions; research methodology; result analysis; conclusions; future work and lessons learnt. (Should cover the entire scope of the report)

INTRODUCTION (10 points): Context; Current situation and problems; Research Gap; Research objectives and type of work done; Results obtained; Novelty/Progress made; Impact of Results on Theory & Practice. Structure of the Report.

BACKGROUND & RELATED WORK (20 points): (Explain previous work in the field; literature analysis; research gap; give citations in the text; coverage or related work.)

METHODS (30 points)

RESEARCH OBJECTIVES: Each objective has an Id.; Significance for research and practice. **(5 points)**

RESEARCH METHODOLOGY: (e.g.: Core technical details/ideas pertaining to tackling the research problem; Research techniques/methods/approach/strategy used; Rationale for decisions made; IF developmental project: {Implementation strategy (technological issues, process issues (e.g., cyclic build/test/feedback cycles)}; IF an EMPIRICAL STUDY: {Study details; Research Question/Hypothesis; Descriptive Statistics; Data gathering instrument (templates, interview questionnaire, etc.); Data analysis techniques/approach; Threats to Validity}; Give citations in text.) **(25 points)**

RESULTS (20 points): Describe the key results obtained. Give details of each result: (e.g.: requirements; system architecture and design; implementation and testing; validation; charts, tabulated results, output produced by system developed, etc.). Analyze your results (e.g., what the results tell us, why we get these results) Describe novelty.

CONCLUSIONS & FUTURE WORK (5 points): With reference to the project's objectives, research questions, hypothesis, etc., what "conclusions" do you draw from your study? What "future work" can be based on your work? What "lessons" were learnt from this project.