School of Informatics

Informatics Project Proposal
Whatever I Write About

123456789
March 2019

Abstract

The abstract is a short concise outline of your project proposal, **of no more than 100 words**.

Date: Wednesday 6th March, 2019

Tutor: My IRR Tutor
Supervisor: My Project Supervisor

Contents

1 Motivation

Introduce the topic of research and explain its academic and industrial context.

- Establish the general subject area.

- Describe the broad foundations of your study – provide adequate background for readers.

- Indicate the general scope of your project.

- Provide an overview of the sections that will appear in your proposal (optional).

- Engage the readers.

1.1 Problem Statement

- Answer the question:"What is the gap that needs to be filled?" and/or "What is the problem that needs to be solved?"

- State the problem clearly early in a paragraph.

- Limit the variables you address in stating your problem.

- Consider bordering the problem as a question.

1.2 Research Hypothesis and Objectives

Identify the overall aims of the project and the individual measurable objectives against which you would wish the outcome of the work to be assessed. Clearly spell out any research hypothesis you are following.

Include a justification (rationale) for the study. Be clear about what your study will not address.

1.3 Timeliness and Novelty

Explain why the proposed research is of sufficient timeliness and novelty

1.4 Significance

The proposal should demonstrate the originality of your intended research. You should therefore explain why your research is important (for example, by explaining how your research builds on and adds to the current state of knowledge in the field or by setting out reasons why it is timely to research your proposed topic) and providing details of any immediate applications, including further research that might be done to build on your findings.

1.5 Feasibility

Comment on the feasibility of the research plans given its limited time frame and resources. Outline your plans for a feasibility study before starting e.g. major implementation work.

1.6 Beneficiaries

Describe how the research will benefit other researchers in the field and in related disciplines. What will be done to ensure that they can benefit?

2 Background

Demonstrate a knowledge and understanding of past and current work in the subject area, including relevant references like this [1].

3 Programme and Methodology

- Detail the methodology to be used in pursuit of the research and justify this choice.

- Describe your contributions and novelty and where you will go beyond the state-of-the-art (new methods, new tools, new data, new insights, new proofs,...)

- Describe the programme of work, indicating the research to be undertaken and the milestones that can be used to measure its progress.

- Where suitable define work packages and define the dependences between these work packages. WPs and their dependences should be shown in the Gantt chart in the research plan.

- Explain how the project will be managed.

- State the limitations of your research.

4 Evaluation

- Describe the specific methods of data collection.

- Explain how you intent to analyse and interpret the results.

5 Expected Outcomes

Conclude your research proposal by addressing your predicted outcomes. What are you hoping to prove/disprove? Indicate how you envisage your research will contribute to debates and discussions in your particular subject area:

- How will your research make an original contribution to knowledge?

- How might it fill gaps in existing work?

- How might it extend understanding of particular topics?

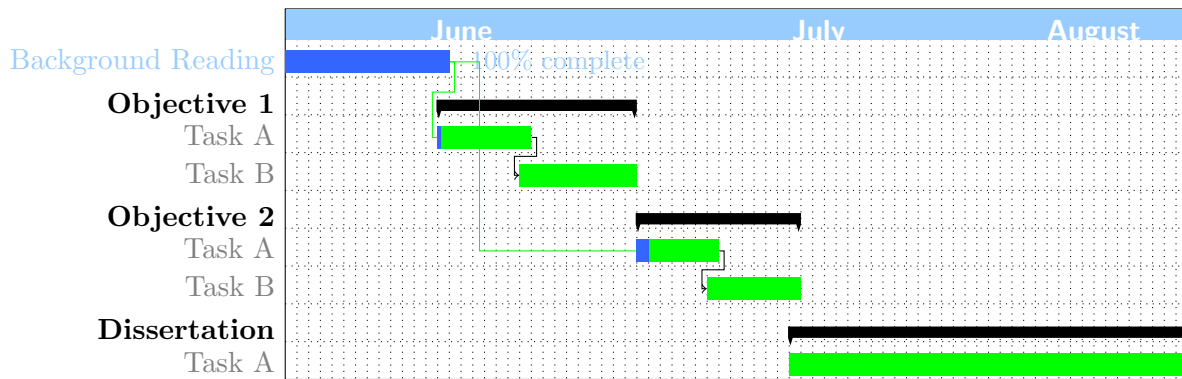# 6 Research Plan, Milestones and Deliverables

Figure 1: Gantt Chart of the activities defined for this project.

Milestone	Week	Description
M_1	2	Feasibility study completed
M_2	5	First prototype implementation completed
M_3	7	Evaluation completed
M_4	10	Submission of dissertation

Table 1: Milestones defined in this project.

Deliverable	Week	Description
D_1	6	Software tool for . . .
D_2	8	Evaluation report on . . .
D_3	10	Dissertation

Table 2: List of deliverables defined in this project.

References

[1] Pamela Fry. Literature review template. `https://www.tru.ca/__shared/assets/Literature_Review_Template30564.pdf`. Thompson Rivers University. Online; accessed 3 September, 2018.