

Title of Project Proposal

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March 31, 2025

Abstract

(Example:) This project innovatively presents a city to tourists. Each Australian city has attractions including landmarks, buildings, monuments, etc. Currently tourists must browse the Internet or brochures to learn their stories. This is inconvenient during a tour, especially for foreigners. This calls for a convenient and instant information access mechanism. Considering everyone has a smart phone with camera, a mobile application can be developed with our image recognition research. By simply taking a picture of an attraction, tourists can instantly access its story, presented visually or verbally in their mother tongue. Functions such as photo-sharing and local advertisements can be added.

Put the paragraph of project description here. It should cover

- the background,
- the current solution and its disadvantages (that you focus on)
- and what this project will contribute

1 Introduction

- The project proposal must have at least 10 pages including the title page but excluding references.
- You can insert some pics or tables to further explain what you are going to introduce.
- You must study how to cite references. Note that part of contents of this proposal are allowed to be directly used in your final report.
- You can use Google to understand how to write a project proposal
- You are not allowed to change the format or font size of this Latex template.

There are many ways of introducing the background of your project. Here, I introduce one template:

The introduction can be seen as the extension of the abstract.

- Introduce the background of problem you are going to mention.
- Introduce the problem (why this is important)
- Briefly introduce and summarize related solutions, and identify the gaps. Put the detailed introductions in the related work.
- Introduce the aims in the subsection in details.
- Introduce related work in the subsection in details.

1.1 Aims

Relevant content goes here

1.2 Related Work

Briefly introduce each solution, advantage, and disadvantage of each solution.

TIPS: You can introduce details about each solution if it is hard for you to write up to 10 pages.

2 Methodology

The approach/methodology section describes the methods and materials that you intend to use within your project. It will detail how you will go about acquiring the information you need and explain how the project will be managed. If a particular theory or model is to be used, this should be stated. You could also include details such as timelines, locations, or the software to be used.

You can additionally mention others, but you must at least mention the following points in each subsection.

2.1 Project Challenges

Summarize all challenges or difficulties in this project and how you plan to solve them.

2.2 Project Team

Introduce your team (such as skills).

2.3 Plan and Time Line

Explain how the tasks are assigned and scheduled.

3 Outcomes

This section should include the expected impacts and benefits of the proposed project. It is important that these be specific and realistic.

Example: “Outcomes of this project will include:

- a prototype of an engrossing, original computer game of professional standard
- An academic paper that solves XXX problems.
- for team members, valuable insights, enhanced skills and an original work for portfolios.”

You can use any format of the reference as long as consistent. Search for what the latex reference bib is about.

https://www.overleaf.com/learn/latex/Bibliography_management_with_bibtex

References

- [1] Donald E. Knuth (1986) The TeX Book, Addison-Wesley Professional.
- [2] Leslie Lamport (1994) LATeX: a document preparation system, Addison Wesley, Massachusetts, 2nd ed.