Capstone Project Proposal Template

American College of Technology (ACT)

Department of Computer Science

Undergraduate Project proposal

Title: Title of your project

Group Members

Name	**ID**
1.	
2.	
3.	

dd/mm/yy

Capstone Project Proposal Template

1. Introduction

1.1. (Background)

[This section provides comprehensive information about the project. Briefly describe the project, its aims, and brief overview of the problem, or issue that the project aims to address. This gives a basic understanding of what the project is about.]

1.2. Statement of the Problem

[Describe the problem or issue that your project aims to address. Provide a clear description of the problem and its impact, highlighting its significance and relevance to the field of study.]

1.3. Objectives:

1.3.1. General Objective: [State the overall goal of your project. What do you hope to achieve with your project?]

1.3.2. Specific Objectives:

[specific objective 1]

[specific objective 2]

[specific objective 3]

…

…

…

[Include specific objectives that are relevant to your general objective. These should be measurable, achievable, and directly related to your problem.]

1.4. Methodology:

[Describe the methodology that you will use to conduct your project. This should include details on how the problem is addressed. Be sure to justify your chosen methodology and explain how it aligns with your project objectives.]

For e.g. to collect user requirements and/or evaluate the positive impact of your system on the problem domain. However, since your project involves development of a software application, you should talk which software processes, methods, and tools you are going to use to construct the software. You should also state how you will test and evaluate the final system.

1.4.1. Investigation (Fact-Finding) Methods
1.4.2. System Development Tools

1.5. Scope and Limitation

[Clearly show the functions (boundary) of your system that are expected to cover]

1.6. Significance of the Project

This section should include how your project benefits or affects the problem as a whole and what knowledge is gained from your piece of the project.

1.7. Beneficiaries of the system

1.8. Feasibility Study (Technical, Economic…)

1.9. Project Schedule

Reference Styles and Formats

- Students, in consultation with their advisor(s), are responsible for choosing a style of citation appropriate to the field and should follow the reference style and format consistently throughout the document.

  A few examples of formats of references are given below and the student should be consistent in following the style.

  - **Journals**

H.E. Exner, "Physical and Chemical Nature of Cemented Carbides," *International Metals Review*, 1979, v. 24, pp. 149 -173.

G.E. Spriggs, "The Importance of Atmosphere Control in Hard Metal Production," *Powder Metallurgy*, 1970, v. 13, n. 26, pp. 369 -393.

Conference Proceedings

H.F. Fischmeister, "Development and Present Status of the Sci ence and Technology of Hard Materials," Science of Hard Materials, R.K. Viswanadham, D.J. Rowcliffe, and J. Gurland (eds.), Plenum Press, New York, NY, USA, 1982, pp. 1 -45.

W.H. Baek, M.H. Hong, S. Lee, and D.T. Chung, "A Study on the Shear Localization

Behavior of Tungsten Heavy Alloy," Tungsten and Refractory Metals 2, A. Bose and R.J. Dowding (eds.), Metal Powder Industries Federation, Princeton, NJ, USA, 1995, pp. 463 -471.

Books

R.M. German, Powder Injection Molding, Metal Powder Industries Federation, Princeton, NJ, USA, 1990.

Thesis

J.L. Johnson, "Densification, Microstructural Evolution, and Thermal Properties of Liquid Phase Sintered Composites," Ph.D. Thesis, The Pennsylvania State University, University Park, PA, USA, 1994.

Technical Reports

E.G. Zukas, P.S.Z. Rogers, and R.S. Rogers, "Experimental Evidence for Spheroid Growth Mechanisms in the Liquid Phase Sintered Tungsten Based Composites," Informal Report: Los Alamos Scientific laboratory, USA, 1976, pp. 1-35.

Patents

V. Oenning and I. S. R. Clark, U. S. Patent No. 4988386, 1991.

Online Materials

International Narcotics Control Board 1999, United Nations, accessed 1 October 1999, https://www.incb.org/

General Style and Formatting

- Paper Size and Margins
  - A4 is the recommended thesis size.
  - The left margin should be at least 1.5 Inch.
  - The right, top and bottom margins at least 1 Inch.
  - Margin specifications are meant to facilitate binding and trimming.

Font Type and Size

- The text of the document, including headings and page numbers, must be produced with the same font or typeface.
- The font size should be 12-point and should not be scripted or italicized except for scientific names and terms in a different language.
- Bold print may be used for headings.
- Text in tables should not be less than 8-point.
- A font appropriate for a proposal is Times New Roman font.

Spacing

- The paragraph should be 1.5.

The following, however, should be single-spaced:

- Quotations of three lines or more, indented and set in a block;
- References or bibliography (except between entries);
- Multi-line captions of tables and figures;
- Appendices,
- Headings or subheadings

Pagination

- All pages should be numbered consecutively throughout the document, including pages containing appendices and references.
- Page numbers should be centered either centrally or right flushed at bottom margins.
- Page numbers should appear by themselves and should not be placed in brackets, be hyphenated or be accompanied by decorative images.
- Text, tables and figures should be printed on one (1) side of each sheet only.

- Preliminary pages, except the title page, preceding 1. Introduction must be numbered in lowercase Roman numerals (ii, iii, iv, etc.).
- The title page should not be numbered although it is counted as page i.
  - Page 1 is the first page of the 1. Introduction.

Header and Footer

- The use of headers and footers is not allowed.