

# Thesis Proposal for MPhil Degree

Student Name: \_\_\_\_\_

ID Number: \_\_\_\_\_

Group Project: \_\_\_\_\_

\_\_\_\_\_

Project Manager: \_\_\_\_\_

Project Supervisor: \_\_\_\_\_

Individual Project: \_\_\_\_\_

\_\_\_\_\_

Thesis Supervisor(s): \_\_\_\_\_

Student's Thrust & Hub: \_\_\_\_\_

month and year (e.g. 12/2023)

The Hong Kong University of Science and Technology (Guangzhou)

# Thesis Proposal Structure

## Part I Introduction to the Group Project

### 1.1 Background and Objective

*Briefly describe the group project.*

### 1.2 Significance

*Explain why **this group project** is essential in the real-world context.*

### 1.3 Project Composition

*Provide information of the individual projects that collectively comprise the group project, including titles/researcher names of each individual project.*

### 1.4 Project Connections

*Outline the connections between the group project and the individual projects.*

### 1.5 Project Milestones

*List the key milestones at different stages of the group project implementation.*

## Part II Proposal of the Individual Project

### 2.1 Significance and Relevance of the Individual Project to the Group Project

#### 2.1.1 Complementary Role

*Explain how your project complements the broader objectives of the group project. Discuss how your work fills a necessary gap or adds a unique perspective to the collective effort.*

#### 2.1.2 Value Addition

*Describe the specific ways in which your project adds value to the group project. This might include the development of critical components, providing specialized knowledge or skills, or enhancing the overall quality and scope of the group project.*

#### 2.1.3 Interdependence

*Highlight any dependencies between your project and other components of the group project. Explain how collaboration and coordination with other group members are integral to achieving both individual and group objectives.*

### 2.2 Statement of the Individual Project in Details

### **2.2.1 Literature/Market Review and Problem Definition**

### **2.2.2 Objective and Scope of the Project**

### **2.2.3 Research Method and Justification**

### **2.2.4 Execution Plan**

### **2.2.5 Intended Outcomes**

*Outcome 1: Description & relation of this outcome to the group project.*

*Outcome 2: Description & relation of this outcome to the group project.*

*Outcome 3: Description & relation of this outcome to the group project.*

## **2.3 Project Milestones**

*Table the group project and the individual project milestones. Illustrate the relation and alignment of milestones of the individual project and those of the group project.*

## **2.4 Budget Plan**

### **2.4.1 Estimated Budget**

### **2.4.2 Budget Breakdown**

*Break down the budget into categories.*

### **2.4.3 Cost-Effectiveness**

*Discuss cost-effectiveness.*

## **2.5 Risk Analysis and Mitigation**

### **2.5.1 Potential Risks or Challenges**

*Identify potential risks or challenges that may arise during implementation of the project.*

### **2.5.2 Impact of the Risks**

*Assess the impact of the risks to the success of the project and propose mitigation strategies.*

## **References**

## Requirements for Thesis Proposal

1. The proposal should be written in English.

2. Format: Please refer to [“Guidelines on Thesis Preparation”](#) in “Handbook for Research Postgraduate Studies HKUST(GZ)” for more details.

(1) A conventional font (Times New Roman is recommended), size 12-point, 10 to 12 characters per inch must be used.

(2) One-and-a-half line spacing should be used throughout the proposal, except for indented quotations or footnotes where single line spacing may be used.

(3) All margins—top, bottom, sides—should be consistently 25mm (or no more than 30mm) in width. The same margin should be used throughout the proposal.

(4) All preliminary pages (title, contents, etc.) should be numbered using lowercase Roman numerals (e.g. i, ii, iii, iv, ...) but *i* is not shown on the title page. On all other pages use Arabic numerals, i.e. 1, 2, 3, 4, ...

3. The list of sources and references used should be presented in a standard format appropriate to the discipline; formatting should be consistent throughout.

The IEEE style is recommended for the references. Reference citations within the text should be in the form of numbers within square brackets (e.g. [1]). References should be in a separate section at the end of the proposal, with items referred to by numerals in square brackets, using the IEEE style as follows:

*Papers:* Author(s) (first initials followed by last name), title, periodical, volume, inclusive page numbers, month, year.

*Books:* Author(s) (first initials followed by last name), title, location, publisher, year, chapter, page numbers.