

## **Research proposal (final research project)**

**Course Title:** Research Methodology in Computer Science

**Course Code:** AI800

**Weighting:** 50%

**Lecturer:** Dr. Mohammed Anbar

**Hand-out Date:** 14 March 2026

**Hand-in Date:** 14 April 2026

**Hand-in Method:** Online Submission via E-Learning.

### **Take Details:**

For this research project, your task is to write a complete research proposal, including the following sections:

- Research Title
- Abstract
- Introduction
- Background
- Problem statement (Enhance the problem statement submitted in Assignment 2, if possible; otherwise, include it as is.)
- Research objective (Enhance the research objectives submitted in Assignment 2, if possible; otherwise, include them as is)
- Research scope
- Literature review (extend the literature review submitted in Assignment 1, add a minimum of 4 studies in addition to those submitted in Assignment 1)
- A brief research methodology to show how the research objectives are achieved.
- Expected outcomes.
- Gantt chart
- Reference (Use IEEE or APA citation style)

**Deliverables:**

Please submit a report consisting of three main chapters covering the sections mentioned above. The structure of the report should be as follows:

**Title page:**

- Research Title
- Student full name

**Abstract****Chapter 1:**

- Introduction
- Background
- Problem statement (Enhance problem statement submitted in assignment 2, if possible, otherwise include as it)
- Research objective (Enhance research objectives submitted in assignment 2, if possible, otherwise include as it)
- Research scope

**Chapter 2 (Literature review):**

Literature review

**Chapter 3 (Research methodology)**

- **Research methodology**
- Expected outcomes.
- Gantt chart

**References****Notes:**

- Please be aware that plagiarism and the use of AI content generators are strictly prohibited. Students found engaging in such practices may receive a grade of zero for their work. Therefore, exercise caution and integrity when composing this research proposal.
- This take is intended to be completed individually.