

Research proposal (final research project)

Course Title: Research Methodology in Computer Science

Course Code: AI800

Weighting: 50%

Lecturer: Dr. Mohammed Anbar

Hand-out Date: 15 November 2025

Hand-in Date: 20 December 2025

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.