

Assignment – English for IT course

Write a research proposal of 3-4 pages based on the structure provided below.

1. Project (research topic) title

Provide a short descriptive title of no more than 20 words.

You can choose a topic from the IT projects you have done, currently doing or want to do.

2. Project (research topic) abstract

In no more than 100 words, summarize the aims, significance and expected outcomes of your proposed research.

Only write this part when you finish the entire proposal.

3. Project (research topic) details

Provide a brief but comprehensive statement, following the headings provided below.

3.1 Introductory background

The Introduction includes a brief review of relevant literature or knowledge in the field, so that you are able to present the gap in the existing knowledge and, therefore, the significance and originality – the purpose and aims – of your research.

Finally, articulate the scope of your research; or what you will not be doing, so as to limit your task.

3.2 Research question/s

What is the primary question you are trying to solve? It may be a hypothesis/hypotheses or research question/s and is usually a few sentences (in statement and/or question form) that articulate the essence of your project and its scope.

3.3 Research design and methodology

Include a description and rationale for the methods of data collection and analysis, and the materials used when solving the problem. When and how will you know, for example, that sufficient experimentation has been done, and sufficient and valid data analyzed, to support or invalidate the original hypothesis?

This section includes the dataset/s, calculations, equipment, calibration graphs, and procedures to be used

4. Research plan and timeline

Provide a plan of stages of your research development and the deadlines for completion of these stages or tasks.

5. References

A list of the scholar references cited in the proposal.

IEEE or Harvard referencing style can be used.

All references listed here must have been cited in the text.