MURDOCH UNIVERSITY

BSC203 INTRODUCTION TO ICT RESEARCH METHODS

# Literature Review Assignment

Due: Teaching Week 7

Submission instructions: You should submit your assignment using the BSC203 LMS site. Late submissions will be penalised at the rate of 10 marks per day late or part thereof unless prior approval for an extension has been gained.

The main submission should be one document. You must keep a copy of the final version of your submission and be prepared to provide it on request.

As a Murdoch student, you are expected to complete your studies with honesty, trust, fairness, respect and responsibility. Murdoch University treats plagiarism, collusion, theft of other students’ work and other forms of dishonesty in assessment seriously. For information about academic integrity see <https://www.murdoch.edu.au/mymurdoch/support-advice/learning-study>

A literature review is an account of what has been published on a topic (in journal articles, conference proceedings, books and other relevant sources) by recognised researchers. Understanding the prior research on the topic of interest is the basis of most new research. Researchers must know what has been studied, found, discussed and recommended by others in related areas.

This assignment is intended to:

* Provide you with practise finding and reading peer reviewed, recent articles about a topic
* Allow you to organise your ideas about that topic in a meaningful way (including both synthesis and critical analysis).

In this assignment you will identify and read published research literature on **one of the topics below** andprovide the following 2 deliverables that will **synthesize what you have found to provide understanding about what is, and is not, known on the topic**:

1. **A table summarising the research findings of the papers you have selected (30%)**
2. **A written literature review (70%)**

**Please select one of the following topics for this assignment:**

* token ring Smartphone user security behavior
* token ring Social media data analytics
* token ring Internet of Things (IoT) applications in agriculture
* token ring Use of affective computing[[1]](#footnote-1) in health applications

To do

1. **Find 10 articles related to the topic.** To qualify as a source of information that you can use for the assignment, these main articles **must report results of research studies** (i.e. not just authors’ opinions). Each article must also:

* Have been published in a refereed journal or conference proceedings (though you may obtain the article through an online source)
* Have an extensive references section

1. **Produce a table with columns that contain the following information for each of the 10 papers:**
   * Citation in the form - Authors (year)
   * Research approach used in the research study
   * Main findings relevant to this literature review assignment
2. **Write a literature review that synthesises the findings of these 10 papers.** After reading each article, you should think about how they all fit together. Your review should be organised by concepts, such as findings, rather than by sources of information. **Do not proceed through the articles one-by-one**. In addition, you may choose to supplement these articles with a few articles from other sources that do not present the authors’ own results if needed to help explain the topic.

The Topic 3 lecture slides and Chapter 6 of the textbook will be useful to you in writing the literature review. You might also find the following resources from RMIT useful: <https://emedia.rmit.edu.au/learninglab/content/writing-literature-review> and <https://www.dlsweb.rmit.edu.au/lsu/content/2_assessmenttasks/assess_pdf/PG%20lit%20review.pdf>

**Do not plagiarise when writing this review. It must be in your own words. Urkund will be used to report on potential plagiarism.** Find out more about how to reference properly and avoid plagiarism at  
<https://www.murdoch.edu.au/mymurdoch/support-advice/learning-study>

The goal of the literature review is to identify the gap where more research is needed. You must be explicit about this in the conclusion.

*Literature review formatting guidelines*

* Give your literature review a title that clearly reflects the content of it.
* Include an Introduction section that states the purpose of the review and a brief Conclusion section. You must also include other sub-sections to help structure your work.
* Use a professional looking font and a font size of 11 or 12 point.
* Your review should be between 1000 and 1500 words in length.
* Include appropriate citations throughout the review and a list of references at the end. Referencing should be in APA style (see <http://library.murdoch.edu.au/Students/Referencing/> for information on referencing styles)

MARKING SCHEDULE

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| --- | --- | --- | --- |
| Component | | Marks | |
| TABLE SUMMARISING PAPERS AND FINDINGS | 30 | |
| * 10 papers included * Papers all report results of research studies (i.e. not just authors’ opinions). * Papers have all been published in refereed journals or conference proceedings academic sources (e.g. journal articles and conference papers) used? * Research approach used in the research study is reported * Main findings relevant to this literature review are summarised * Article authors provided in Authors (year) format – e.g. Smith and Brown (2019) |  | |
| LITERATURE REVIEW | 70 | |
| Structure   * Does the introduction describe the purpose of the literature review? * Does the body present information in an organised and logical manner? * Is there an effective conclusion that summarises the main points discussed? | 10 | |
| **Content and Research:**   * Does the title reflect the contents of the literature review? * Is there evidence of adequate understanding of the literature included? * Is the organisation/grouping of the literature effective with the main points clearly related to the purpose of the review? * Are the main points supported by evidence (are not just your opinions)? * Is the material well synthesised? | 40 | |
| Use of Sources   * Are references cited correctly? * Are mainly academic sources (e.g. journal articles and conference papers) used? * Is it correctly referenced in APA or IEEE style (‘in-text’ referencing and reference list)? | 10 | |
| Presentation   * Fluent (correct grammar, spell-checked and correctly punctuated)? * Correctly structured (paragraphing, topic sentences and flow of ideas)? * Have section headings been used to help structure the main text? * Is it in your own words? | 10 | |
| TOTAL | 100 | |  |

1. Affective computing involves the investigation of and development of systems that can recognize and process information that reflects human emotions. These systems can then use this information interpret the emotional state of humans and adapt the system behavior in response to this information [↑](#footnote-ref-1)