SIT740 Research and Development in Information Technology

Pass Task 2.1: R&D Methodologies - Literature review

It's time to look into literature reviews. To identify gaps and inform the design and development of a solution, existing theory or similar work in the field must be explored.

Your task

Read some literature reviews, compare and contrast them and reflect on what makes a good literature review. What is their purpose and how they help in R&D?

You may download a PDF copy of the publications using [ACM Digital Library](#).

Submission Details

Submit the following files to OnTrack:

- A PDF document with your answers and reflections (400 - 500 words)

Instructions

You can choose any three review articles (survey papers) from the journal [ACM Computing Surveys](#). But if you're unsure which to choose, we recommended the following:

- Technology roadmap for building a smart city: An exploring study on Methodology

- A Taxonomy and Survey of Cloud Resource Orchestration Techniques

- Connected Car: Technologies, Issues, Future Trends

- Searching the Web of Things: State of the Art, Challenges, and Solutions

Think about the following questions as you read each review article and submit your

- answers: what is the topic of the review? What is the purpose of the review?
- describe how the research in the topic of the review is organized and presented: is there a taxonomy, a roadmap or a timeline? What is the difference between these?
- what are gaps or areas of future work suggested?
- did you learn from the research? what made it good or bad?

After you read and analyse all three articles and answer the above questions,

- briefly, compare and contrast the three review articles you choose.

Take note of what makes a good literature review. You could also read the articles this week to help you with this task. Provide a complete list of references (as you would find in the references/bibliography section of a paper) and use IEEE referencing style (https://www.deakin.edu.au/students/studying/study-support/referencing/ieee). The reference list should include the papers that you have chosen.