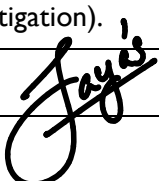


Canterbury Institute of Management (CIM)

ASSESSMENT COVER SHEET



1. Personal Details			
Student ID	Given Name(s)	Surname	Email Address
I. CIM12137	Ayesh Chathuranga	Jayasekara	cim12137@ciom.edu.au
Campus	Darwin Campus		
Course Title and Code	MSIT401 System Development Methodologies		
Assessment Title	Reflective Journal - Week 4		
Due Date & Time	27/10/2024		
Course Lecturer/Tutor Name: Sharad Neupane		Assessment Word Count (if applicable): 222	
2. Student Declaration			
<p>By signing and submitting this coversheet, I/we declare that:</p> <ul style="list-style-type: none"> ✓ This assessment submission is my/our own work unless otherwise acknowledged (including the use of generative AI tools) and is in accordance with the Institute's Academic Integrity and Honesty Policy available on the website. ✓ No part of this assessment has been submitted previously for advanced standing or academic credit in this or any other course. ✓ I/we certify that we have not given a copy or have shown a copy of this assessment item to another student enrolled in the course, other than members of this group. ✓ I/we are aware that the Lecturer/Tutor of this assessment may, for the purpose of assessing this assessment task communicate a copy of this assessment task to a plagiarism checking service to detect possible breaches of academic integrity, for example, plagiarism, recycling, cheating, contract cheating, or unauthorised use of generative AI (which may then retain a copy of the item on its database for the purpose of future investigation). 			
Signature:			Date: 25/20/24

MSIT401 System Development Methodologies

Reflective Journal - Week 4

Ayesh Jayasekara - CIM12137

Strategic Planning

Strategic planning is the process of identifying organisational goals and resources to achieve the mission in a long run. A common methodology is to conduct what is known as a SWOT Analysis, this analysis includes the following components.

- Strength - analysis of infrastructure, human resources, culture etc.
- Weaknesses - analysis of limiting factors such as outdated technology, production capacities, high employee turnover etc.
- Opportunities - analysis of market capitalisation, innovative product & services, competitive advantage
- Threats - analysis of impact of global economy, changing government regulations, volatility of money market etc.

IT Systems Planning

As I refer to the notes, it is understood that need of a IT system is result of business case. All such systems must be focused on a problem statement and the solution must be evaluated on various factors such as financial investment (*Return of Investment (ROI)*), go to market time (*time estimated to complete the project*).

Further reading on planning indicated that most system implementations fail short of expectations for various reasons. The most common type of failure being finance over-run with projects failing to complete on the estimated timeframes.

Therefor I identified that a strong preliminary analysis must be carried out that includes,

- Problem statement
- Scope and limitations (*commonly referred as system boundary*)
- Cost to benefit analysis (*generally a ROI*)
- Feasibility study
- Finalised well documented and agreed documentation for management and leadership

1. *EVALUATION COMMENTS*

1 Evaluation Comments