CAPSTONE BIWEEKLY LOGS

Name:	ONG JIA EN, DARRYL	Time Period [Start date – End date]:	01/09/25-10/04/26
Student ID:	**2301402**	Log Period:	Trimester 1/ Week 1 & 2
Company:	WizVision Pte. Ltd		

*Provide concise 1-2 lines for each of the sections highlighted in ==yellow== below (**do not exceed 1 page**)*

Problem Tackled

Currently in the ideation stage where I am exploring how my technical learnings can address real-world problems. I am considering potential capstone ideas that involve web application development, system integration or automation to improve efficiency and scalability but have yet to decide on a particular topic.

Task(s) and Action(s)

- Reflected on how Java servlets and MySQL database connections from the labs could form the foundation of a data-driven capstone project
- Considered how .NET and Python exercises demonstrated the flexibility of building similar applications across different technology stacks
- Linked the learnings from the lab on Docker to the possibility of containerizing applications in a controlled environment for portability and testing
- Explored potential directions for projects such as an internal productivity tool, automated reporting system or an accessible web platform

Result(s) and Learning(s)

- Learned that a strong capstone idea should combine technical feasibility with practical impact
- Understood the importance of designing with scalability, maintainability and security in mind, as emphasized in the solution architecture training
- Gained awareness that accessibility and usability are equally critical when planning project scope

Future Tasks

- Narrow down potential capstone project topics and define a clear problem statement
- Discuss ideas with both industry and academic supervisors to validate feasibility
- Identify which technology stack and tools would be most suitable for implementation once I have decided on my problem statement

☒ I acknowledge that I have got approval from my Industry supervisor before submitting the logs and there is no sensitive information in this log.

Student's signature	

Date: 12/09/25