COMPUTING STUDENTS –
PLACEMENT YEAR LOG REPORT

Student Name:	Kulindu Ransika Hewamaddumage (w1956120 | 20221382)
Placement Provider & Department:	Winnipeg Technology (Pvt) Ltd
Workplace Supervisor Name:	H.L Jayantha
Date:	11/19/2024

1. Description of activities, including projects, tasks, roles and achievements

As an Intern Software Engineer I have been actively engaged in different projects and tasks that have aided to expand my technical skills and industry knowledge. I recently undertook a research and development (R&D) task for a leave management project named **Leave Central**, where I was responsible for developing a knowledge base within Zoho Desk. Following this, I completed an intensive 4-week Angular training course upon joining the company, which equipped me with front-end development skills required for ongoing projects.

One of my initial assignments included familiarising myself with an existing project architecture by working on the *PoC* project. This task involved adapting the structure of my personal details project to align with the standards used within the company. Currently, I am working on a *Vehicle Booking Management System* project developed using Angular, where I have successfully implemented features such as vehicle type addition, vehicle model addition, and cost addition. Additionally, I resolved existing issues in the vehicle add form, enhancing the project's functionality and user experience. Through these tasks, I have not only applied my technical skills but also demonstrated adaptability and problem-solving abilities, actively supporting the team's objectives and contributing to project success.

2. Description of any internal/external training undertaken

During my internship, I underwent an intensive 4-week tutorial based Angular training program in order to enhance my front-end development skills. This training comprised fundamental and advanced concepts, including component-based architecture, data binding, routing, and working with APIs, which have been essential for my contributions to current projects. The course equipped me with hands-on experience in building responsive and dynamic web applications, preparing me to effectively apply these skills in real-world scenarios. This training has been very helpful in my ability to work on projects such as the *Vehicle Booking Management System*

3. Reflection on your learning (e.g. skills and knowledge gained) from the above

During this internship, I have acquired a good understanding of technical and professional skills that are essential for software development. The Angular training provided me with vast knowledge of front-end development, improving my ability to build user-friendly interfaces. Through hands-on experience with real world projects such as the *Vehicle Booking Management System* , I have strengthened my expertise in Angular, project architecture, and problem-solving.

Working on these real-world projects has also enhanced my ability to analyse requirements, debug issues, and implement effective solutions, particularly in aligning my personal details project with the company's structure. Additionally, I have developed soft skills such as time management, adaptability, and collaboration by engaging with team members and contributing to shared goals.

As a whole, this internship has been a very valuable and rewarding opportunity for me to apply theoretical knowledge and leverage them to solve real world problems , refine my technical capabilities, and gain practical insight into industry best practices.

4. Identify any areas requiring improvement (if any)

Throughout my internship experience so far, I have identified and realised several areas that need improvement to enhance my effectiveness as a software engineer. While my technical skills have improved, I realise the need to strengthen my understanding of advanced Angular concepts, particularly in optimising application performance and integrating third-party libraries. Additionally, I aim to enhance my backend development skills to strengthen my expertise as a full-stack developer.
Time management is another area for growth, as balancing multiple tasks and projects efficiently can further improve my productivity. Lastly, I plan to work on refining my communication skills, particularly in articulating technical details during discussions with team members . Addressing these areas will allow me to contribute more effectively to projects and advance my professional development.

5. Your goals or targets for the next couple of months based on areas requiring improvement

Over the next couple of months, my primary goals are to address the areas which require improvement and enhance my overall efficiency as a software engineer. My specific targets include:
1. **Advanced Angular Proficiency**: I plan to dedicate time to studying advanced Angular concepts such as state management, lazy loading for performance optimization, and leveraging third-party libraries. I will work on small side projects or internal tasks to practice these skills in real-world scenarios.
2. **Backend Development Skills**: To grow as a full-stack developer, I aim to improve my understanding of backend technologies, including APIs, database management, and server-side logic. I plan to explore resources and take structured online courses to build a solid foundation.
3. **Time Management**: I plan to adopt productivity tools and techniques, such as task prioritization and effective scheduling, to handle multiple assignments efficiently and meet deadlines without having to compromise quality.
4. **Communication Skills**: I aim to actively participate in team discussions, seek feedback from peers and supervisors, and improve my ability to explain technical solutions in a clear and concise manner.

By focusing on these goals, I aim to enhance my technical and professional abilities, allowing me to

contribute more effectively to my projects and prepare for future challenges in the software engineering field.

6.Describe and evaluate your own skills in relation to the graduate attributes and the professional skills needed in the sector

As a SE intern, I have developed and evaluated my skills in alignment with graduate attributes and the professional skills essential for success in the IT sector in my coming years.

Technical Skills:
I now possess an improved foundation in programming languages and frameworks, with particular proficiency in Angular for front-end development. My ability to implement new features, troubleshoot issues, and align projects with company standards reflects my problem-solving skills and adaptability. I also plan on gaining exposure to backend technologies, which is crucial for advancing as a full-stack developer.

Analytical and Critical Thinking:
My work on projects *Vehicle Booking Management System* has improved my ability to analyse requirements, identify areas for enhancement, and implement effective solutions. I can critically evaluate existing systems and contribute enhancements to meet business objectives.

Professional Skills:
I demonstrate improved effective teamwork, collaborating with peers to achieve project success and completion while learning from their feedback. I am also actively developing communication skills, particularly in presenting ideas and technical solutions to my team. My time management skills have improved as I handle tasks within set deadlines, though I continue to refine this skill.

Graduate Attributes:
Aligned with the expectations of a graduate, I am proactive in seeking learning opportunities, such as completing the Angular training and undertaking self-study to improve my backend knowledge.

Evaluation:
Even though I have made improvements to my technical, analytical, and professional skills, there is room for improvement in learning backend technologies, effective time management, and improving communication. By addressing these issues, I aim to become a well-rounded software engineer capable of meeting the sector's evolving demands.

Once you have addressed the points (outlined in questions 1-5), ask your supervisor to assess your performance for the month using the following table.

	Below expectation	Satisfactory	Above expectation	Outstanding	N/A
Attitude to work			X		
Quality of work			X		
Productivity			X		
Literacy and Communication skills			X		
Critical Thinking skills			X		
Reliability			X		
Global Outlook			X		
Suitability of future goals *(refer to question 5)*		X			
Overall Achievement			X		

Workplace Supervisor Signature: ....

Date: 2024-11-19

Student Name & Signature: **Kulindu Ransika Hewamaddumage**

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Date: ...17/11/2024..................

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