**MINISTRY OF SCIENCE AND TECHNOLOGY**

**University Of Computer Studies (Mandalay)**

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**Log Book for Internship**

**Name: Mg Hein Htet Aung**

**Roll No: KPTM-11037**

**Academic Year : 2024-2025**

**Internship Company: Nexacore IT Solution (Mandalay)**

**Internship Record**

**Start Date: 2.5.2025 (FRI:)**

**End Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Company/Industry Name: Nexacore IT Solution (Mandalay)**

**Address: 59C,17x18st Mandalay**

**Email Address:** [**nexacore.it.solution@outlook.com**](mailto:nexacore.it.solution@outlook.com)

**Phone Number: (+95) 997-752-5810**

**Student’s Name: Mg Hein Htet Aung**

**NRC Number: 5/MAYANA(N)327873**

**Roll No: KPTM-11037**

**Father Name: U Myat Win Aung**

**Phone Number: 09793568383, 09958169386**

**Contact Person Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Phone Number \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Daily / Weekly Log**

Week ( 1 )

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| **Date** | **Description about Task assigned** | **Remark** |
| 2.5.2025(FRI) | Tested the ability for coding and let us to try the basic coding paradigm and syntax, necessary for the project |  |

Reflection: What was learned during the Week.

* **Familiarity with coding syntax:** Gained experience with basic programming syntax used in the Javascript language such as variable declaration, loops and functions)
* **Understanding of coding paradigms:** Learned foundational concepts such as procedural programming, object-oriented principles or functional programming

Supervisor Comment

This week, **Hein Htet Aung** demonstrated a solid understanding of foundational programming concepts by effectively testing and applying essential coding paradigms and syntax relevant to the project. His proactive approach, enthusiasm for learning, and ability to quickly adapt to new challenges are highly commendable. I highly recommend continued involvement in more advanced development tasks, as Hein Htet Aung has shown himself to be a **bright and excellent student** with exceptional potential. His performance this week reflects the qualities of a future standout professional in the tech industry.

Signature:  Signature: 

Student Name: Hein Htet Aung Supervisor Name: Thet Htet Soe

**Daily / Weekly Log**

Week ( 2 )

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| **Date** | **Description about Task assigned** | **Remark** |
| 5.5.2015(MON) | Learned about HTTP, API fetching, Git |  |
| 6.5.2025(TUE) | Learned about Synchronous and Asynchronous Concepts with API |  |
| 7.5.2025(WED) | Learned about the different kind of data type, and behavior of functions |  |
| 8.5.2025(THU) | Learned about Methods of String and Array, JSON, Javascript Objects and Classes and TryCatch |  |
| 9.5.2025(FRI) | Learned about Node Package Manager (NPM) and Node Version Manager (NVM) |  |

Reflection: What was learned during the Week.

Core Web and Development Tools

* Gained foundational understanding of HTTP and how the fetch API is used for retrieving data from the servers
* Learned how to use Git for version control and collaboration

Programming Concepts

* Explored the difference between synchronous and asynchronous code execution, especially in the context of API calls
* Developed understanding of various data types and how functions behave in javascript

Node js Environment

* Discovered how to manage packages using NPM and how to manage versions using NVM

Supervisor Comment

During this week, **Hein Htet Aung** made significant progress in his technical learning journey. He explored key web development concepts, including **HTTP protocols, API fetching techniques, and version control using Git**. He further deepened his understanding of **synchronous and asynchronous operations with APIs**, which are crucial for modern web applications.

He also strengthened his grasp of **JavaScript fundamentals**, covering **data types, function behaviors, string and array methods, JSON, object-oriented programming, and error handling using try-catch blocks**. Toward the end of the week, he familiarized himself with essential development tools such as **Node Package Manager (NPM)** and **Node Version Manager (NVM)**.

Throughout these sessions, Hein Htet Aung demonstrated strong curiosity, consistent effort, and a proactive attitude toward learning. He continues to excel and show great promise as a future developer. I **highly recommend** him for more advanced tasks and collaborative projects, as he clearly exhibits the skills and mindset of a **bright and outstanding student**.

Signature:  Signature: 

Student Name: Hein Htet Aung Supervisor Name: Thet Htet Soe

**Daily / Weekly Log**

Week ( 3 )

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| **Date** | **Description about Task assigned** | **Remark** |
| 14.5.2025(WED) | Modules in Javascript(CommonJS and ES6),  Binding Methods |  |
| 15.5.2025(THU) | Node.js (Basic Concepts) |  |
| 16.5.2025(FRI) | React.js (CLI Tools, Vites, Components, JSX, Porps, State, Conditional Rendering, Composition, Rendering Composition |  |

Reflection: What was learned during the Week.

Javascript Modules and Binding Methods

* Learned the difference between Common JS and ES6 modules and how they are used to structure and share code
* Explored method binding in Javascript especially in the context of maintaining the correct “ this ” context in function

Node.js Basics

* Understood the core concepts of Node.js including its event-driven architecture and non-blocking I/O model

React.js Fundamental

* Gained hands-on experience with React CLI tools and Vite for project map.
* Learned about React components especially functional components and how to use JSX
* Explored the difference between props and state and how to implement conditional rendering
* Studied component composition component lifecycle methods, rendering lists with keys and concepts of render props for flexible UI design

Supervisor Comment

This week, **Hein Htet Aung** showcased remarkable progress in mastering both core and advanced development concepts. He began by studying **JavaScript module systems**, including **CommonJS and ES6**, and deepened his understanding of **method binding**, a key concept in function context and behavior.

He then built a solid foundation in **Node.js**, grasping essential backend principles, before transitioning into **React.js**. There, he effectively learned to work with **CLI tools, Vite, components, JSX, props, state management, conditional rendering, and component composition**.

Hein Htet Aung continues to display a **high level of technical aptitude**, strong analytical thinking, and an ability to absorb complex topics with ease. His consistent performance reflects a **mature and capable developer in the making**. I **strongly recommend** assigning him more challenging tasks and collaborative opportunities to further refine his skills and practical experience.

Signature:  Signature: 

Student Name: Hein Htet Aung Supervisor Name: Thet Htet Soe

**Daily / Weekly Log**

Week ( 4 )

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| **Date** | **Description about Task assigned** | **Remark** |
| 19.5.2025(MON) | React (Event, Higher Order Functions, useRef, useState) |  |
| 20.5.2025(TUE) | Practical ( Fetching API using the framework Axios, Create CRUD onto the array using useState ) |  |
| 21.5.2025(WED) | useContext, Practical (ToDoList using useState, useContext with Tailwind CSS ) |  |

Reflection: What was learned during the Week.

Axios (HTTP Requests in React)

* Practiced using Axios, a promise-based HTTP client for the browser. Implemented API calls using axios.get(), axios.post(), axios.put(), and axios.delete().
* Learned to handle asynchronous operations using async/await, and implemented loading states, error handling, and state updates based on API responses.

CRUD Operations Using useState

* Built a mini-application that supports Create, Read, Update, and Delete functionality on a data array stored in component state. Key concepts practiced:
  + Immutably updating arrays using map and filter
  + Using array ids to uniquely identify and modify items
  + Implementing controlled components for form input
  + Efficient state updating patterns and UI feedback

Practical Project : To Do List App

* Developed a fully functional To Do List application using:
  + useState for managing individual task data.
  + useContext for sharing global state between components.
  + Clean component structuring and reusability (e.g., separate components for Recod, RecordList, InputTask ).

Supervisor Comment

This week, **Hein Htet Aung** continued to build on his React.js proficiency with both conceptual learning and practical application. He explored advanced React concepts including **event handling, higher-order functions, and the use of React hooks such as useRef and useState**.

On the second day, he applied his knowledge in a hands-on task by using the **Axios** framework to perform **API fetching** and developing basic **CRUD functionality using useState** within an array structure—demonstrating his ability to integrate logic with user interaction effectively.

He wrapped up the week by learning about **useContext** for global state management and reinforcing this concept through a practical **To-Do List project**, which incorporated **Tailwind CSS** for responsive styling and component design.

Hein Htet Aung continues to demonstrate **strong technical competency, problem-solving skills, and a proactive mindset**. His ability to translate theoretical knowledge into functional, real-world applications shows that he is an **adaptable and reliable emerging developer**. I **confidently recommend** expanding his responsibilities to include more complex project components and collaborative development tasks.

Signature:  Signature: 

Student Name: Hein Htet Aung Supervisor Name: Thet Htet Soe

**Daily / Weekly Log**

Week ( 5 )

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| **Date** | **Description about Task assigned** | **Remark** |
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Reflection: What was learned during the Week.

Supervisor Comment

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Student Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Supervisor Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Daily / Weekly Log**

Week ( 6 )

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| **Date** | **Description about Task assigned** | **Remark** |
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Reflection: What was learned during the Week.

Supervisor Comment

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Student Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Supervisor Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Daily / Weekly Log**

Week ( 7 )

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| **Date** | **Description about Task assigned** | **Remark** |
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Reflection: What was learned during the Week.

Supervisor Comment

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Student Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Supervisor Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Daily / Weekly Log**

Week ( 8 )

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| **Date** | **Description about Task assigned** | **Remark** |
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Reflection: What was learned during the Week.

Supervisor Comment

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Student Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Supervisor Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Daily / Weekly Log**

Week ( 9 )

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| **Date** | **Description about Task assigned** | **Remark** |
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Reflection: What was learned during the Week.

Supervisor Comment

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Student Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Supervisor Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Daily / Weekly Log**

Week ( 10 )

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| **Date** | **Description about Task assigned** | **Remark** |
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Reflection: What was learned during the Week.

Supervisor Comment

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Student Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Supervisor Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Daily / Weekly Log**

Week ( 11 )

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| **Date** | **Description about Task assigned** | **Remark** |
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Reflection: What was learned during the Week.

Supervisor Comment

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Student Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Supervisor Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Daily / Weekly Log**

Week ( 12 )

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| **Date** | **Description about Task assigned** | **Remark** |
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Reflection: What was learned during the Week.

Supervisor Comment

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Student Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Supervisor Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Daily / Weekly Log**

Week ( 13 )

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| **Date** | **Description about Task assigned** | **Remark** |
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Reflection: What was learned during the Week.

Supervisor Comment

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Student Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Supervisor Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Daily / Weekly Log**

Week ( 14 )

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| **Date** | **Description about Task assigned** | **Remark** |
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Reflection: What was learned during the Week.

Supervisor Comment

Signature:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Student Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Supervisor Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Daily / Weekly Log**

Week ( 15 )

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| **Date** | **Description about Task assigned** | **Remark** |
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Reflection: What was learned during the Week.

Supervisor Comment

Signature:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Student Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Supervisor Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Student Appraisal Form of Internship Student**

Student Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Roll No: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Company/Industry Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Work Period from \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ to \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Total Leaves taken:

Medical leave:\_\_\_\_\_\_\_ days

Personal leave: \_\_\_\_\_\_\_ days