**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

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

Student Name: Hein Htet Aung Supervisor Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**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

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**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

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**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

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**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

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

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

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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