

## MONTHLY PROGRESS REPORT

**February 2025**

Student's Name: Sean Michael A. Borje

Position: Software Developer Intern

Practicum/Internship: LGU-Talisay Human Resource Management Office (HRMO)

### **Duties Performed this Month:**

- Performed data gathering for the proposed system.
- Identified the features, information and system requirements.
- Designed some parts of the prototype of the system.
- Designed an Entity-Relationship Diagram
- Started developing several interfaces of the system's front-end.
- Created and configured the database of the system.
- Started developing several back-end functionalities to the proposed system.

**Summary:** During the month of February, most of my tasks revolve around the development of the proposed system for the Human Resource Management Office of the LGU-Talisay. In the first week, I primarily conducted data gathering at the office and identified the necessary features of the proposed system. In the second week, I mostly focused on the designing of the database schema, designed some parts of the prototype, and started the front-end development. During the third week, I continued developing the user interface and configured the database. In the last week of the month, I concentrated on the back-end development. Lastly, I performed each task diligently and effectively.

### **New training/s took place this month:**

- Understanding and analyzing various programming techniques and workflows.
- Understanding how government employees' work.
- Understanding the process of leave applications.

### **Major accomplishments based from the Proposed Activities in your Training:**

- The proposed system is almost finished.

PROPOSED ACTIVITIES	sACCOMPLISHMENTS
<ul style="list-style-type: none"><li>• Orientation and Onboarding</li><li>• Learning Goals and Project Plan</li><li>• Data Gathering</li><li>• Developing Prototype</li><li>• Plan and design the database structure</li><li>• Design the system's structure and design.</li><li>• Front-end and back-end development.</li><li>• Database development.</li></ul>	<p>February 3, 2025</p> <ul style="list-style-type: none"><li>• Familiarize with the host training establishment and other offices.</li><li>• Get to know the offices and staff.</li><li>• Initial meeting with the supervisor.</li></ul> <p>February 4, 2025</p> <ul style="list-style-type: none"><li>• Familiarize with the office's business process.</li></ul> <p>February 5, 2025</p> <ul style="list-style-type: none"><li>• Developed a prototype for the business process.</li></ul> <p>February 6, 2025</p> <ul style="list-style-type: none"><li>• Continuation of the development of the prototype.</li></ul>

	<p>February 7, 2025</p> <ul style="list-style-type: none"> <li>Continuation of the development of the prototype</li> </ul> <p>February 10, 2025</p> <ul style="list-style-type: none"> <li>Presented the prototype to the supervisor.</li> <li>Added the suggestions and recommendations.</li> <li>Finalized the prototype.</li> </ul> <p>February 11, 2025</p> <ul style="list-style-type: none"> <li>Designed the Entity-Relationship Diagram of the business process.</li> </ul> <p>February 12, 2025</p> <ul style="list-style-type: none"> <li>Added changes to the prototype.</li> <li>Finalized the prototype</li> </ul> <p>February 13, 2025</p> <ul style="list-style-type: none"> <li>Started the front-end development.</li> <li>Ensured system responsiveness.</li> </ul> <p>February 14, 2025</p> <ul style="list-style-type: none"> <li>Continued working with the front-end development.</li> </ul> <p>February 17, 2025</p> <ul style="list-style-type: none"> <li>Continued working with the front-end development.</li> </ul> <p>February 18, 2025</p> <ul style="list-style-type: none"> <li>Set up the system database.</li> <li>Structured the data tables.</li> </ul> <p>February 19, 2025</p> <ul style="list-style-type: none"> <li>Started the back-end development.</li> <li>Implement CRUD operations across the back-end and front-end.</li> </ul> <p>February 20, 2025</p> <ul style="list-style-type: none"> <li>Continued the implementation of the back-end.</li> </ul> <p>February 21, 2025</p> <ul style="list-style-type: none"> <li>Continued the implementation of the back-end.</li> </ul> <p>February 24, 2025</p> <ul style="list-style-type: none"> <li>Continued the implementation of the back-end.</li> <li>Added improvements to the back-end.</li> </ul> <p>February 25, 2025</p> <ul style="list-style-type: none"> <li>Continued the implementation of the back-</li> </ul>
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	<p>end.</p> <ul style="list-style-type: none"> <li>Added improvements to the back-end.</li> </ul> <p>February 26, 2025</p> <ul style="list-style-type: none"> <li>Continued the implementation of the back-end.</li> <li>Added improvements to the back-end.</li> </ul> <p>February 27, 2025</p> <ul style="list-style-type: none"> <li>Presented the system with back-end functionality.</li> <li>Added the suggestions and recommendations.</li> </ul> <p>February 28, 2025</p> <ul style="list-style-type: none"> <li>Continuation of implementation of the suggestions and recommendations to the system.</li> </ul>
<p><b>What problems have you encountered this month?</b></p> <p>N/A</p>	
<p><b>How did you overcome or solve those problems?</b></p> <p>N/A</p>	
<p><b>List one or two goals you have set for yourself next month.</b></p> <ul style="list-style-type: none"> <li>Finish the proposed system.</li> </ul>	

Noted by:

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**MARIE GRACE I. POBLETE**  
HRMO-Designate