

MONTHLY PROGRESS REPORT

February 2025

Student's Name: Arriana Mae Malubay

Position: Software Developer Intern

Practicum/Internship: LGU-Talisay Sangguniang Bayan Office

Duties Performed this Month:

- Conducted data gathering for the proposed system.
- Identified the features, information and system requirements.
- Designed the prototype of the system.
- Created a database schema.
- Started developing several interfaces of the system's front-end.
- Involved in configuring the system's database.
- Implemented certain parts of the back-end.
- Assisted on some technical issues in the office.

Summary: In the month of February, majority of our work was focused on software development project for the Sangguniang Bayan Office. We gathered information on our department's office procedures and workflows during the first several weeks which allows us to determine the system's necessary requirements. As a result, we created a prototype and showed it to our supervisor for approval. After making some adjustments, we moved on to developing the system's database schema. After that, we began working on both the front-end and back-end of the system. In conclusion, I successfully completed every task assigned to me.

New training/s took place this month:

- Introduced and briefly attended the 6th Regular Session of the Sangguniang Bayan Office.
- Understood the Sangguniang Bayan Office workflows to improve the proposed system planning and functionality.

What were your major accomplishments based from the Proposed Activities in your Training?

- Analysis of the provided data and creating a database schema.
- High-fidelity prototype.
- Initial development of the system's front-end and back-end.

| PROPOSED ACTIVITIES | ACCOMPLISHMENTS |
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| <ul style="list-style-type: none">• Orientation and Onboarding• Learning Goals and Project Plans• Data Gathering for system requirements• Develop prototypes for the user interface• Design Database Schema• Develop System Architecture• Front-end and back-end development• Database development | <p>February 3, 2025</p> <ul style="list-style-type: none">• Familiarize with the host training establishment.• Get to know the offices and staff.• Initial meeting with the supervisor. <p>February 4, 2025</p> <ul style="list-style-type: none">• Introduced to the office's business process.• Provided with the necessary files for the system.• Presented a system prototype. <p>February 5, 2025</p> <ul style="list-style-type: none">• Made modifications to certain parts of the prototype.• Received additional files for the system's information requirements. |

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| | <ul style="list-style-type: none"> Conducted data collection for the system. <p>February 6, 2025</p> <ul style="list-style-type: none"> Developed an Entity-Relationship Diagram (ERD) for the system. Identified the system's entities and attributes. Finalized the Entity-Relation Diagram. <p>February 7, 2025</p> <ul style="list-style-type: none"> Made design modifications to the prototype. Finalized the system prototype. <p>February 10, 2025</p> <ul style="list-style-type: none"> Started developing the front-end of the system. Enhance the responsiveness of the user interface. <p>February 11, 2025</p> <ul style="list-style-type: none"> Continued the front-end. <p>February 12, 2025</p> <ul style="list-style-type: none"> Further enhanced the front-end. <p>February 13, 2025</p> <ul style="list-style-type: none"> Kept working on developing the front-end development. <p>February 14, 2025</p> <ul style="list-style-type: none"> Continued working with the front-end development. <p>February 17, 2025</p> <ul style="list-style-type: none"> Refined the front-end design and functionality. <p>February 18, 2025</p> <ul style="list-style-type: none"> Set up the system database. Structured the data tables. <p>February 19, 2025</p> <ul style="list-style-type: none"> Implement CRUD operations across the back-end and front-end. <p>February 20, 2025</p> <ul style="list-style-type: none"> Continued the implementation of the back-end. <p>February 21, 2025</p> <ul style="list-style-type: none"> Ensure continued progress on the back-end functionalities. <p>February 24, 2025</p> <ul style="list-style-type: none"> Consistent enhancement of back-end |
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| | <p>operations.</p> <p>February 25, 2025</p> <ul style="list-style-type: none"> • Monitor and sustain improvements in back-end. <p>February 26, 2025</p> <ul style="list-style-type: none"> • Ensure continued progress on the back-end functionalities. <p>February 27, 2025</p> <ul style="list-style-type: none"> • Refined some final phases on the front-end interfaces. <p>February 28, 2025</p> <ul style="list-style-type: none"> • Continuous development on the back-end. |
| <p>What problems have you encountered this month?</p> <p>As someone who was used to waking up late in the morning, adjusting to my internship schedule was a challenge. I had to wake up early to prepare and ensure that I arrived at the office before 8:00 AM. Aside from that, commuting to and from the office was sometimes difficult. I usually take a van to work, but the lines are often long, or there are times when no vans are available at all. Going home can also be a struggle, as I have to wait for a jeepney or bus with a vacant seat, but most of the time, they are already full. There were instances when I had to wait longer just to get a ride home.</p> <p>Despite these challenges, my experience in the workplace has been great. Our supervisor and the other employees are very kind and welcoming. They treat us well and even include us in lunch and snacks, which we truly appreciate.</p> | |
| <p>How did you overcome or solve those problems?</p> <p>To overcome the challenge of waking up early, I made it a habit to wake up at 5:00 AM every day. By consistently practicing this routine, my body gradually adjusted, making it easier to start my day on time.</p> | |
| <p>List one or two goals you have set for yourself next month.</p> <ul style="list-style-type: none"> • Improve time management skills • Be on time • Stay organized with tasks and deadlines | |

Noted by:

CANDELARIA I. PAYLA
SB Secretary