Monthly Internship Report

Name of student: Yosef Alemu

Student ID No.: UGR/6607/12

Mentor's name: Nebyu Yonas

School: Electrical and Computer Engineering

To be filled out by the School:

Submission date: _____

Accepted by mentor: _____
(Date, full name and signature)

Comments:

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Abstract: Internship Journey Overview (Month 2)

During the first week of this month, our primary focus was on establishing a seamless connection between the frontend and backend components of our website. Essentially, we aimed to integrate the part of the website that users interact with (frontend) with the part responsible for managing data (backend). This involved crucial tasks such as facilitating user logins and implementing robust access controls to ensure that only authorized individuals could access specific features. The outcome of our efforts culminated in the secure storage of all relevant information.

Moving into the second week, our attention shifted towards enhancing the user experience. We completed various user-related functionalities, including account creation, information updates, retrieval of stored data, and account deletion. All of these actions were performed within the user interface, optimizing the platform for user interaction and satisfaction.

In the subsequent week, we delved into the aspect of the website that handles items. We introduced new capabilities, enabling users to create, update, view details, and delete items directly through the user interface. This expansion of functionalities aimed to provide users with a comprehensive and efficient experience when dealing with items on our platform.

As we approached the end of the month, during the final week, our focus shifted towards refining our codebase. We implemented changes and updates across the entirety of our code, ensuring that it remained robust and efficient. This phase involved fine-tuning various elements, resolving potential issues, and overall improving the features and performance of our website based on the feedback and insights gathered throughout the entire month.

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Week No: 1   Dates: October 30   to   November 03, 2023

Weekday	Activities
Monday	At the beginning of the week, we connected the front part of our website to the back part, making sure information can move smoothly between them.
Tuesday	On Tuesday, we worked on letting users log in securely and only see what they're supposed to see.
Wednesday	In the middle of the week, we made it possible for users to do important things like adding new stuff, looking at what's already there, updating things, and deleting stuff if they need to.
Thursday	Towards the end of the week, we shared how things were going with the IT department and got some advice on how to make things better.
Friday	We finished the week by making changes based on the advice we got. We also made a plan for what we want to do next week to keep making our website better. Each day had its own important activities that moved us forward.

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Week No: 2   Dates: November 06   to   November 10, 2023

Weekday	Activities
Monday	As we entered the second week, our focus turned to making the user experience even better. We worked on various user-related tasks, such as creating accounts, updating information, retrieving stored data, and providing an option for account deletion.
Tuesday	Continuing our efforts to enhance the user experience, we concluded tasks related to user functionalities. This included streamlining the process for users to create accounts, update information, view stored data, and delete accounts if needed. All of these enhancements were implemented within the user interface, ensuring a smoother interaction on the platform.
Wednesday	Midweek, we honed in on refining the user interface. This involved adjusting the appearance of buttons, forms, and the overall design to make navigation more intuitive and user-friendly. The goal was to create a visually appealing platform that users find easy to navigate.
Thursday	As part of our weekly routine, we presented a progress report to the IT department. This meeting provided an opportunity to share our advancements, receive feedback, and align our work with the broader goals of the organization. It was a collaborative session that contributed valuable insights to our ongoing improvements.
Friday	Wrapping up the week, we reflected on the feedback received during the IT department meeting. We made adjustments based on the insights gained and set a plan for the following week. This iterative process ensures that our platform continues to evolve, meeting user needs and organizational objectives. Each day played a role in a series of purposeful steps towards creating a more refined and user-centric website.

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Week No: 3   Dates: November 13   to   November 17, 2023

Weekday	Activities
Monday	At the start of the week, focus shifted to the part of the website responsible for managing items. We delved into enhancing this aspect to make it more user-friendly and efficient.
Tuesday	Continuing our efforts, we introduced new features to empower users when dealing with items. Now, users could not only create new items but also update their details, view specific information, and even delete items – all directly through the user interface.
Wednesday	We revised how data is fetched for the functions related to interacting with items, such as creating, reading, updating, and deleting.
Thursday	At the end of the week, we talked about what we did with the IT department on our weekly report. They gave us some advice to make sure we're on the right track and meeting the goals of the organization.
Friday	Wrapping up the week, we looked at the advice we got and made some changes. We also made a plan for next week, so we can keep making the website better, especially when it comes to dealing with items. Each day added something useful to make the website more friendly and helpful for everyone.

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Week No: 4   Dates: November 20   to   November 24, 2023

Weekday	Activities
Monday	Kicking off the final week of the month, we set our sights on refining our codebase. We began by identifying areas that needed improvement and planning out the changes.
Tuesday	On the second day of the week, we delved into implementing changes across our entire code. This involved making adjustments to ensure the code remained strong and capable of handling various tasks efficiently.
Wednesday	Midweek, our focus shifted to fine-tuning different elements within the code. We honed in on specific details, resolving any potential issues that could impact the performance of our website.
Thursday	We conducted our weekly report, gathering feedback and making necessary modifications based on the insights received.
Friday	Wrapping up the week, we concluded our efforts to refine the codebase. We ensured that the implemented changes not only resolved issues but also enhanced the overall features and performance of our website. This day marked the completion of a week-long process aimed at making our website more robust and user-friendly.