**IT ELECTIVE 3**

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**1. Date and Week Number**  
**May 10, 2025 (Saturday)**

On May 10, 2025 (Saturday), Sir simply allowed us to continue working on the tasks he previously assigned. He did not introduce any new topics but instead gave us time to focus on completing our ongoing projects. This gave us a chance to apply what we've already learned and make progress at our own pace, which was helpful in reinforcing our understanding.

**2. Roadblock Encountered**

**May 12, 2025 (Monday),**

On May 12, 2025 (Monday), I started working on the dashboard for both the user and admin sides of the system. However, I found it quite challenging to connect the dashboard to the database, so I decided to focus more on the UI design for the meantime. Most of my attention was dedicated to designing the user interface, making sure it was organized and visually appealing while I gradually figured out how to handle the backend integration. One of the initial challenges I encountered was that the styles from the style.css file were clashing with each other, especially when working on different dashboards. To make things easier and less confusing, I decided to assign a separate CSS file for each dashboard—one for the user and another for the admin. This helped me manage the styles more efficiently and allowed me to work more smoothly on the UI without layout conflicts.

**3. How I Overcame the Challenge**

I came up with my own approach to make the design process easier. Instead of using a single style.css file for both dashboards, I separated the styles by creating individual CSS files for user\_page.php and admin\_page.php. This helped me focus better and manage each layout more efficiently. For me, it made the workflow more organized and less confusing. After all, not all programmers follow the same coding style, and this method worked best for the way I approach development.

**4. Technical Knowledge Gained**

One important lesson I learned this week is that you can definitely create a great design if you understand the fundamentals like padding, margin, and other layout techniques. It's also crucial to remember that coding styles don't need to be the same as others. The key is to find what works best for you, as long as you understand how your code functions. The more comfortable you are with your own approach, the better the results will be

.**5. Connection to Full-Stack Web Development**

This week’s experience has further fueled my motivation to dive deeper into full-stack development. Gaining an understanding of both frontend and backend components, and how they work together, has given me a clearer picture of how professional web applications are created. It made me realize that each aspect—design, logic, security, and data—plays a vital role in developing a complete, functional system.

As my knowledge grows, I’m increasingly excited to continue learning. Each lesson and hands-on experience is helping me build the skills needed to become a proficient full-stack developer. Even the challenges I encountered this week have turned into valuable learning opportunities that I will take forward into future projects.

**6. Goals and Action Plan for Next Week**

Next week, I plan to work on completing the admin dashboard and the user dashboard. I aim to finish both, focusing on refining their designs and functionalities. Along with this, I will continue applying what I’ve learned so far, especially in areas like UI design and backend integration, to ensure that everything works seamlessly. My goal is to make significant progress on both dashboards and build a solid foundation for future tasks in full-stack development.