Week 4: Practical Project Self-Assessment and Reflection

|  |
| --- |
| **Do you believe that your project was a success? Justify your answer.** |
| **Yes, I believe the project was a success. I was able to build functional, well-structured applications like the Gym Registration App and the Warhammer eCommerce site, both of which showcased my ability to handle backend and frontend work. I successfully integrated key features, including user registration, product management, and responsive layouts, which are essential for the real-world applications I want to build.** |
| **What would you have done differently?** |
| **If I had more time, I would have focused on enhancing the user experience by improving the UI/UX design, ensuring a smoother flow in both the Gym Registration App and the Warhammer eCommerce site. I would have also added more advanced features like search filters or payment gateway integration for the Warhammer store. Additionally, I would have implemented better testing practices from the start to avoid bugs during development.** |
| **What have you learned form the Practical Project experience?** |
| **From this project, I’ve learned how to balance technical requirements with user needs. I also gained hands-on experience with tools like Angular, React, and ASP.NET Core, and how to apply best practices for state management, form validation, and API development. Additionally, I learned the importance of project planning and time management, as I had to juggle multiple components at once.** |
| **How can you apply what you have learned in other personal or professional situations?** |
| **I can apply what I’ve learned to other full-stack development projects, particularly in creating eCommerce platforms or user-focused applications. The lessons learned in structuring code, building APIs, handling state, and validating user input will be useful in any web development role. Furthermore, the experience will be valuable for future projects where user authentication and smooth user flows are crucial.** |
| **How might others benefit by your experience?** |
| **Others might benefit from my experience by learning from my approach to structuring both frontend and backend code. By sharing the challenges, I faced and the solutions I found like simplifying state management in React and Angular, or improving API performance they can avoid common mistakes and improve their own workflows. My experience can help others implement similar features more efficiently.** |
| **What technical and non-Technical skills did you develop while working on this project? Explain.** |
| **Technical skills:**   * **Full-stack Development: Gained proficiency in both frontend (React, Angular) and backend (ASP.NET Core, Node.js) technologies.** * **State Management: Learned how to manage state in React using hooks like useState and useEffect.** * **API Development: Improved my skills in creating and consuming APIs, particularly with CRUD operations and JWT authentication.**   **Non-technical skills:**   * **Project Management: Learned to break down a large project into smaller, manageable tasks, and deliver each component on time.** * **Problem-Solving: Encountered challenges like data validation and error handling and found effective solutions through debugging and testing.** * **Communication: Improved my ability to explain technical concepts clearly, which will be helpful for collaboration in future team-based projects.** |
| **How will you represent the work you did on this project on your resume? During an interview?** |
| **On my resume, I would highlight the projects in a "Personal Projects" section, including links to the GitHub repositories (private if necessary). I would emphasize the technologies used, like Angular, React, and ASP.NET Core, and highlight key features I implemented, such as user authentication, form validation, and product management.**  **In an interview, I would walk through the design and technical decisions I made, explaining the challenges I faced and how I overcame them. I would also demonstrate how I used modern development tools and methodologies to ensure the applications were scalable and maintainable.** |