

Capstone Reflection

Student's Name

Institutional Affiliation

### 6-1 Discussion: Capstone Reflection

As we delve into the reflective essay component of our QSO 489 Final Project, I find it invaluable to reassess our journey through the capstone experience. This essay aims to evaluate the strategies and progress of our project, providing an opportunity to learn from our experiences and refine our approach.

Our project primarily focuses on optimizing supply chain logistics within the manufacturing sector. Currently, we are in the implementation phase, where theoretical strategies are being applied practically. This process includes integrating advanced analytics for inventory management and deploying AI-driven forecasting models to enhance operational efficiency.

The project has experienced a blend of successes and challenges. A significant win has been the successful integration of AI forecasting tools, which have dramatically improved demand prediction accuracy. This success has enabled more efficient stock management and reduced wastage. However, challenges persist, particularly in the adoption of these technologies at the operational level. Resistance from staff due to a lack of familiarity with new technology has slowed down implementation and highlighted a need for more comprehensive training sessions.

Feedback from our instructor emphasized the need for a stronger focus on change management to ensure smoother technology integration. In response, we have adjusted our strategy to include more in-depth training modules and regular feedback sessions with the staff to address their concerns and suggestions. These changes have started to show positive effects, with increased acceptance and enthusiasm from the team.

Reflecting on this experience, I have learned the critical importance of flexibility and adaptability in project management, especially in operations that involve significant

technological upgrades. Academically, it has deepened my understanding of the practical applications of operations management theories, particularly in change management and technological integration. Personally, this project has enhanced my problem-solving skills and my ability to manage and lead a team through transformative processes.

Through sharing these reflections, I aim to gather further insights and advice from peers, which could provide different perspectives on overcoming the challenges we face. Additionally, I hope that my experiences can offer useful strategies to those encountering similar issues in their projects.

### **Peer Responses**

In response to your peers, offer some advice. For instance, now that you have had time to reflect, is there some sage advice that you can offer to someone who might be having the same problem you were/are having?

#### **Response 01**

Your approach to integrating AI in inventory management is impressive. One piece of advice for managing staff resistance to new technology might be to involve them early in the process. By engaging them in the development phase or seeking their input on challenges, they might feel more invested and open to embracing the changes.

#### **Response 02**

We are supposed to write two peer responses. I have addressed the given instructions in one response. Following these instructions, you can quickly write your peer responses to 6-1 Discussion without a hassle.