**Individual Weekly Report – Week 9**

**Project: E-commerce Web Application TechPlaza**

**Role: Database Administrator**

**Completed Tasks:**

* **Query Optimization:** In this week, I dedicated my efforts to optimizing the SQL queries that I had previously written for the Techplaza e-commerce app. By analyzing query performance and identifying areas for improvement, I made necessary adjustments to enhance efficiency and speed. The optimized queries now offer improved response times and better overall database performance.

**Ongoing/In-Progress Tasks:**

* **State and Sequence Diagrams:** Moving forward, I will be contributing to the development of state and sequence diagrams for the Techplaza e-commerce app. These diagrams will provide a visual representation of the system's behavior and the sequence of interactions between various components. By collaborating closely with the team, I will ensure that the diagrams accurately reflect the application's functionality and help in understanding the flow of actions and system states.