**Individual Weekly Report – Week 6**

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

**Role: Database Administrator**

**Completed Tasks:**

* **ERD Design:** This week, I focused on designing the Entity-Relationship Diagram (ERD) for the Techplaza e-commerce app. I have successfully completed the ERD, illustrating the relationships between entities such as users, products, orders, and reviews. The ERD provides a comprehensive view of the app's data structure and ensures the integrity and consistency of the data model.

**Ongoing/In-Progress Tasks:**

* **ERD Optimization**: I am currently collaborating closely with Fabio, the Backend Developer, to optimize the ERD for better performance and efficiency. This involves analyzing the data access patterns, identifying potential bottlenecks, and fine-tuning the database schema based on specific requirements. By working closely together, we aim to optimize the ERD to enhance the app's overall performance.