**Individual Weekly Report – Week 8**

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

**Role: Team Lead, Project Manager, UI/UX designer**

**Completed Tasks:**

* **Activity Diagrams**: I have successfully created activity diagrams for several important user actions within the e-commerce platform. These diagrams depict the flow of activities and actions, providing a visual representation of the user experience. The completed activity diagrams include login, buying items, changing password, searching products, browsing items, order processing, and creating a product. These diagrams are valuable tools for the development team to understand the user interactions and system responses.

**Ongoing/In-Progress Tasks:**

* **State Diagrams**: Work has begun on creating state diagrams. State diagrams depict the different states of an object or system and how they transition based on events and conditions. These diagrams provide a comprehensive overview of the system's behavior and help identify potential edge cases and exceptional scenarios. The ongoing task involves mapping out the states and transitions for various components and functionalities of the e-commerce platform.