**Project Charter and Scope Statement for E-Commerce Platform**

**Proposed Company Name: PrimePath Provisions**

As part of our collaborative effort, I created the project charter and scope statement for the creation of our cloud-based e-commerce platform, catered to a medium-sized food distributor. This project aims to satisfy user cloud needs by developing a scalable and safe system that raises operational effectiveness and customer experience quality. By matching the objectives with the business case and feasibility study, I hope to give a solid basis for our project.

**Project Charter**

Implementing an e-commerce platform that lets direct-to-customer ordering and logistics customizing possible is the primary goal of this project. Customer satisfaction and operational success will be driven by features including real-time order tracking, flexible delivery options, and data analytics demand forecasting.

**Key Objectives Include**:

* Developing a user-friendly interface for browsing, ordering, and tracking.
* Integrating APIs to seamlessly connect inventory and logistics systems.
* Establishing a scalable and secure cloud infrastructure using Azure.
* Delivering actionable business insights through data analytics dashboards.

Important players in the project will be our team, food distributor management, consumers, and the IT department. I have listed benchmarks including finishing needs (Unit 2), finishing development stages (Units 3–7), and doing integration testing (Unit 8). Identified hazards, such as possible data security breaches and integration difficulties, will be resolved with policies including encryption, redundancy, and thorough compatibility testing.

**Scope Statement**

The e-commerce platform aims to simplify the operational processes of the distributor while yet giving consumers a flawless online experience.

**The Scope Includes:**

1. **E-Commerce Platform Development:**
   * A responsive front-end for customers to browse, order, and track their purchases.
   * Back-end functionality for managing inventory, orders, and logistics.
2. **Cloud Infrastructure Implementation:**
   * Scalable computing and storage resources using Azure services.
   * Serverless functions for handling notifications and automating specific processes.
3. **Data Analytics and Monitoring:**
   * Power BI dashboards to provide real-time insights into sales and logistics.
   * Tools for tracking order statuses and delivery performance.

Some elements, such as on-site infrastructure improvements and more general legacy IT system enhancements, are not included. The project relies on the distributor's present IT capabilities supporting cloud integration and customer quick adoption of the platform. The primary constraint for this project is the strict eight-week timeline for completion.

**User Flow Chart**

To help visualize the customer journey through the e-commerce platform, I’ve created a user flow chart. This diagram outlines key touchpoints, such as product browsing, order placement, and delivery tracking. It’s a critical tool for guiding development and ensuring all functionality aligns with user needs.

Here’s how the user flow chart fits into the project:

* Wireframes and UX Design: The chart will guide my work in Figma as we create detailed wireframes for the platform.
* API Integration: It highlights areas where back-end processes must connect to front-end user actions.
* Testing Scenarios: The flow provides a framework for testing interactions and workflows to ensure a seamless experience.

*I’ve attached the user flow chart for reference so we can all use it as a shared guide for development and testing.*

A diagram of a process

Description automatically generated with medium confidence

**Team Collaboration and Performance**

Collaboration is essential to our success, and I believe we need to focus on these three key areas:

1. Defined Roles and Responsibilities: Clear assignments will help us stay organized and efficient. For example, I’m happy to lead the UX and wireframing efforts while supporting others in areas like API integration. \*\*(I do want to note ive built a few websites including my own businesses, I’m not sure that this project calls for a full blown functional website but it may help us envision our project better if we have a program to work with)
2. Effective Communication: Regular check-ins via Discord and team meetings will help us stay aligned on progress and address any challenges.
3. Problem-Solving and Adaptability: By working together to creatively address issues, we’ll ensure the project stays on track.

Our initial meetings are critical for setting expectations and aligning on goals. These sessions give us a chance to build trust, define our roles, and establish a strong foundation for the project.

In all, this project charter and scope statement clearly envisioned our e-commerce platform. Using Azure's cloud architecture and keeping close team cooperation will help us to provide PrimePath Provisions with a strong and scalable solution. Tell me whether you have ideas or suggestions; then, kindly review the user flow chart that is attached to help us to improve it together.