Background

You are working as a Business Analyst at a leading IT company. The company has received a request from a client who wants to develop a new mobile application for their business. The client is a retail chain with multiple stores across the country. They want an app that will allow customers to browse their product catalog, view prices, receive promotions, and make purchases online. Your role is to analyze the client's requirements, create necessary documentation, and develop a preliminary wireframe for the app.

Task List:

1. Requirement Analysis

- Review the client's requirements provided below.
- Identify any potential ambiguities, gaps, or inconsistencies in the requirements.
- Prepare a list of clarifications or questions you need to ask the client for better understanding.

Client Requirements:

- User Registration and Login: Customers should be able to create accounts, log in, and manage their profiles.
- Product Catalog: The app should display a categorized product catalog with product images, names, descriptions, and prices.
- Search and Filters: Customers should be able to search for products and apply filters based on categories, prices, and brands.
- Promotions and Offers: The app should showcase ongoing promotions and special offers prominently.
- Shopping Cart: Users should be able to add products to their cart, view the cart, and proceed to checkout.
- Checkout and Payments: Customers should be able to select payment methods, enter shipping details, and complete purchases.
- Order Tracking: Users should be able to track their orders and receive notifications about their order status.
- Customer Support: Provide a channel for users to contact customer support with their inquiries.

2. Documentation

Based on the analyzed requirements, create the following documentation:

- Business Requirements Document (BRD): A comprehensive document outlining the high-level business objectives, user requirements, and functional specifications of the app.
- Use Case Scenarios: Create a set of use case scenarios to illustrate how different types of users would interact with the app for various tasks (e.g., browsing products, making a purchase, tracking an order).
- Data Flow Diagram: Develop a simple data flow diagram that depicts how data moves through the app's various components.
- User Interface Requirements: Provide a detailed description of the app's user interface, including key screens and functionalities.

3. Wireframe Creation

Based on the documentation and use case scenarios, develop a preliminary wireframe for the app. You can use any wireframing tool of your choice or draw it manually. The wireframe should showcase the app's main screens, navigation flow, and basic interactions. Focus on presenting a clear user journey.

Submission

Please submit the following deliverables:

1. List of clarifications/questions for the client.
2. Business Requirements Document (BRD).
3. Use case scenarios document.
4. Data Flow Diagram.
5. User Interface Requirements document.
6. Preliminary wireframe of the app.

Evaluation Criteria

You will be assessed according to the following:

- Clarity and depth of requirement analysis.
- Quality and completeness of the documentation.
- Accuracy of the use case scenarios and data flow diagram.
- Effectiveness of the user interface requirements document.
- Coherence and user-friendliness of the wireframe.

Note

Throughout the procedure, feel free to ask for any explanations or help.

Remember, you're the star here, not GPT. Use your skills to shine!

Keep in mind that the objective is to demonstrate your analytical thinking, communication, and problem-solving abilities in addition to completing the work. Good fortune! Good luck!