**BRD Validation for Foodtek Application**

This document is a detailed review of the Business Requirements Document (BRD) for the food ordering mobile app. The goal is to spot any missing details, inconsistencies, or areas that need improvement to make sure the app runs smoothly for users. Each section breaks down the functionality, highlights any gaps, and suggests fixes to keep everything aligned with best practices. The main focus is to ensure the app is user-friendly, efficient, and meets business needs without any hiccups.

***3.3.5/6/7******Client Google,*** **Apple, Facebook *Sign-in***

**Issue:** The BRD does not mention key error-handling scenarios for Google, Apple, Facebook Sign-in.

**Findings:**

**1. Error Handling Missing:**

* + The BRD does not specify what happens if the user has **no internet**, or if **authentication fails**.
  + There are no details on how the app should handle incorrect credentials or a revoked Google, Apple, Facebook account.

1. **Security and Storage Concerns:**
   * The **username, user ID, and access token** are stored in **local storage**, but there is no mention of **encryption** or security practices.

**Recommendation:**

* **Error Handling Updates:**
  + If there is **no internet connection**, show: *"Check your internet connection and try again."*
  + If **authentication fails**, display: *"Unable to sign in. Please try again later."*

### 3.3.10 Client Explore Categories

**Issue:** The BRD does not specify user experience details, error handling, or behavior when no categories are available.

**Findings:**

1. **Category Display & Interaction Gaps:**
   * The BRD does not mention if the categories should be **scrollable** if too many exist.
   * No mention of how **selected categories** should be visually highlighted.
2. **Error Handling & Edge Cases:**
   * If category loading fails due to a **network issue**, show:  
     "Unable to load categories. Check your internet connection."
3. **Filtering Behavior Unclear:**
   * The BRD states that filtering should be done **via category selection**, but it does not specify:
     + Whether multiple categories can be selected at once.
     + How items are reset if "ALL" is selected again.

**Recommendations:**

* **Default "ALL" Category Behavior:**
  + Ensure "ALL" is selected by default and displays **all items**.
  + Selecting another category should filter the displayed items accordingly.
* **UI/UX Enhancements:**
  + Ensure **horizontal scrolling** for categories if there are too many to fit on the screen.
  + Highlight the **selected category** to provide visual feedback.
* **Error Handling Updates:**
  + If categories fail to load due to **network issues**, prompt the user to **retry**.
* **Filtering Behavior Clarification:**
  + Define whether users can **select multiple categories** at once.
  + Ensure tapping "ALL" resets the item list to display everything.

**3.3.11 Client Explore Special offer**

**Issue:** The BRD does not define display behavior, or edge cases for special offers.

**Findings:**

1. **Offer Visibility & Display Behavior:**
   * The BRD does not specify what happens if **no offers** are available.
   * No mention of how many offers can be displayed at once.
   * No details on whether the **offer panel should be scrollable** if multiple offers exist.
2. **User Interaction Gaps:**
   * No mention of what happens when a user **clicks on an offer** (e.g., does it navigate to a specific page?).
   * No details on whether expired offers should be **removed automatically**.

**Recommendation:**

* **Offer Display & Interaction:**
  + Ensure the **special offer panel is scrollable** if multiple offers exist.
  + Expired offers should be **automatically removed** or hidden.
  + Clicking on an offer should **navigate to a detailed page** with more information.

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