TM901 - MENU VERIFICATION (USE CASE)

1. **Overview of the present system**
   N/A
2. **Problems with the present system**
   N/A
3. **USE CASE ANALYSIS**

SSLS Actors

- MM User - Anyone who is using the menu map application.

Use Case ID: TM901 - Menu Verification
Use Story (Brief): As a MM user, I want to verify that the restaurant's physical/menu-on-site matches the one shown in the app so that other users can trust the menu data.

Details (Functional Requirements):

Actor: MM User
Pre-conditions:

1. The user has successfully logged onto the system.
2. The restaurant's menu page is open in the app.

Description:

1. Use case begins when an MM user clicks on the verify button on the menu page.
2. The system will provide the MM user with a **Menu Verification** form for data entry (See screen design in Appendix A).
3. The MM user shall enter the following data:
   - **Restaurant Name** (required)
   - **Restaurant Location** (required)
   - **Food Item(s)** (required)
   - **Match Rate** (required; e.g., exact match / partial match / mismatch)
   - Optional notes (e.g., "price differs by $n," "ingredient change," photo link)
4. The MM user will then send their validation using the **report** button.
5. The system shall then notify the MM user if the request was submitted.
6. When the report is received the system shall generate a **report record**, allocate a **unique report id**, and finally stores the submission.

Post-conditions:

- The number of reports stored in the system has increased by one.
- The report has been saved in the system.

Alternative Course of Action:

- In step 4, the MM user may cancel the report (no data is saved).
- In step 5, if a required field is missing, the system prompts the MM user to complete the missing field(s) and resubmit.

Exceptions:

- The **Verify** button is unavailable due to connectivity restrictions.

- The **Report** button is disabled after form completion due to a transient validation or network error.
- **Storage services** are temporarily unavailable; the system shows an error and advises the user to retry later.

Related Uses Case:

None.

Decision Support:

Frequency: TBD.
Criticality: Medium - improves data trust and user confidence in menu accuracy.
Risk: Low - Standard form submission and record creation.

Constraints *(or Non-Functional Requirements)* ***(need to quantify):***

- Usability:
  - The verification form should be simple and completable without any prior training.
  - Inline hints for “Match Rate” and examples of acceptable notes.
- Reliability:
  - Submissions are acknowledged with a confirmation message.
  - If offline, the app queues the submission for later upload.
- Performance:
  - On a stable connection, saving should complete promptly (target < 10 seconds).
- Supportability:
  - Should work on current Android and iOS versions.

Modification History:

Owner: Alfonso Oramas Jr.
Initiation date: 09/11/2025
Date last modified: 09/11/2025

APPENDIX A - SCREEN DESIGNS

1. MENU VERIFICATION FORM