

TM906 - RESTAURANT MAP (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: TM906 - Restaurant Map

Use Story (Brief):

As a MM User, I want to be able to pick a restaurant off a visual two dimensional map and look at its menu, so that I can easily find and explore nearby dining options.

Details (Functional Requirements)

Actor: MM User

Pre-conditions:

1. The MM User has successfully logged onto the system.
2. The MM User has opened the restaurant map interface.

Description:

1. Use case begins when the MM User selects a restaurant icon from the map.
2. The system highlights the selected restaurant and displays a pop-up with restaurant details (e.g., name, location)
3. The MM User clicks the **View Menu** option.
4. The system retrieves and displays the restaurant's menu page within the app.
5. The MM User can then browse the menu items (categories, prices, dietary information, etc.).

Post Conditions:

- The selected restaurant's menu is displayed within the app.

Alternative Courses of Action:

- If the restaurant has no menu uploaded, the system displays a message: "Menu unavailable."
- If multiple restaurants overlap on the map, the system prompts the MM user to choose from a list of nearby restaurants.

Exceptions:

- The restaurant map fails to load due to connectivity issues.
- The menu retrieval fails because the restaurant data is missing.
- The system times out when fetching the menu.

Related Use Cases:

N/A

Decision Support

- Frequency: TBD.

- Criticality: Medium - enables intuitive, location-based access to menus.
 - Risk: Low - uses standard map interface and menu linking.
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Constraints (or Non-Functional Requirements) (*need to quantify*):

- Usability:
 - Restaurants should be clearly marked with icons on the map.
 - Map navigation (zoom, pan) must be simple and intuitive.
- Reliability:
 - Restaurant locations must be accurate.
- Performance:
 - The map should load within 5 seconds on a stable connection.
- Supportability:
 - Should work on current Android and iOS versions.

Modification History:

Owner: Alfonso Oramas Jr.

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APPENDIX A - SCREEN DESIGNS

1. RESTAURANT MAP

