DESIGN PROCESS

Requirements

Use Case 27.1 Manage Menu

ID:UC27.1
Use Case: Manage Menu
Description: User wishes to create a menu and add categories, items, and sides to a menu.
Level: User-goal
Primary Actor: Client
Secondary Actor: None
Stakeholders and Interests:
    User: Their interest is to be able to see what items are available for them to order
    Restaurant: Their interest is to be able to create fully customized menus
Pre-Conditions:
    1.The client is logged in to their TFF account
    1.An informative message is displayed to the user.
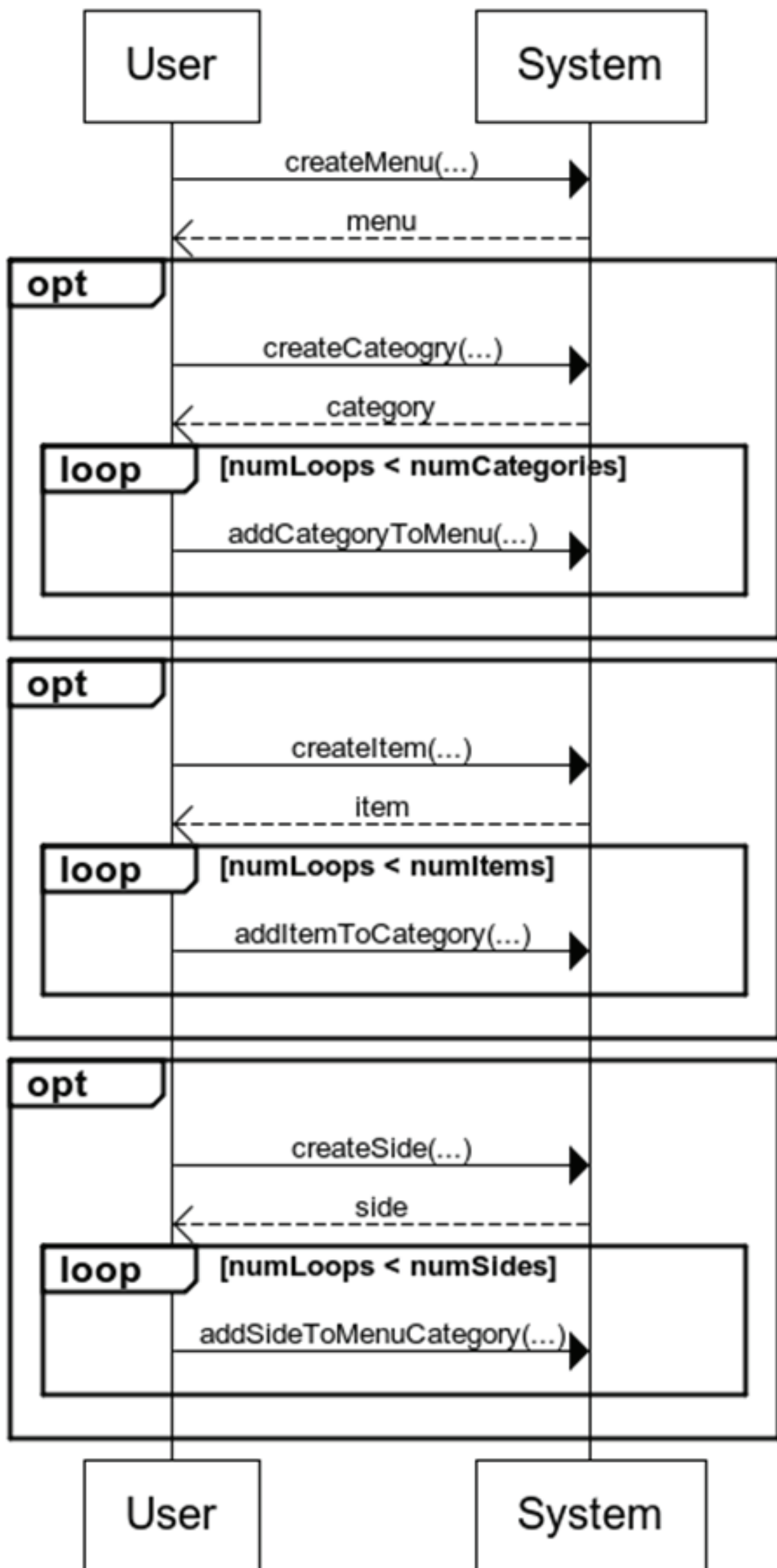**Main Success Scenario:**
    1.Client creates a new menu.
    2…
Special Requirements:
    See Section 3.2 Functionalityof Supplementary Specifications document
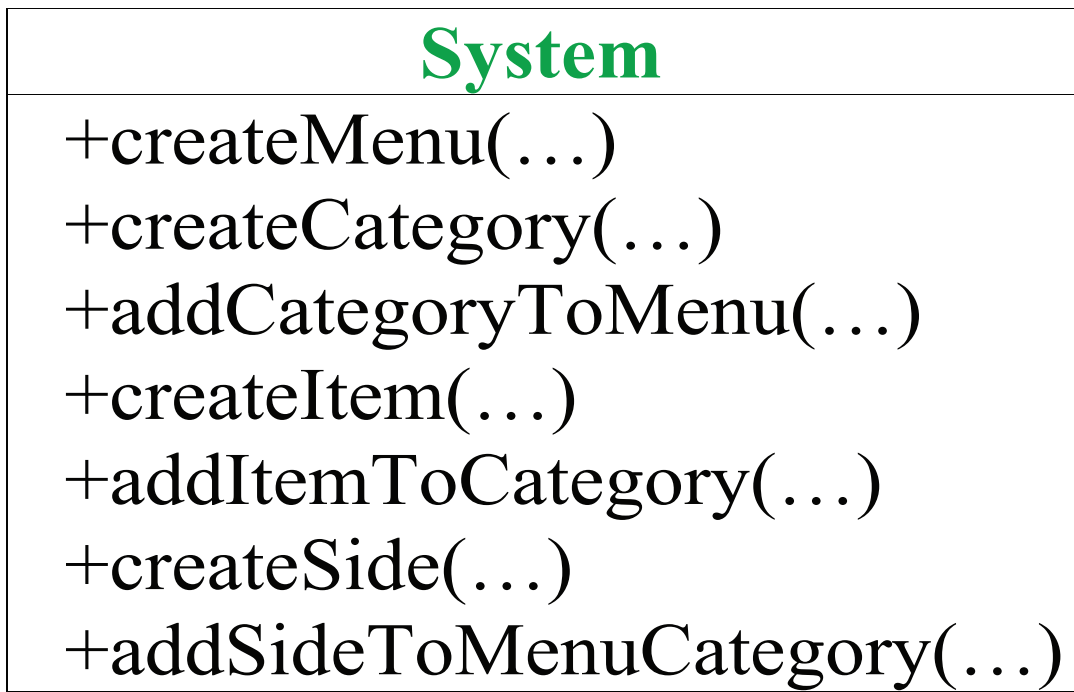   …

Analysis

System
+createMenu(…)
+createCategory(…)
+addCategoryToMenu(…)
+createItem(…)
+addItemToCategory(…)
+createSide(…)
+addSideToMenuCategory(…)

Operational Contract 27.1
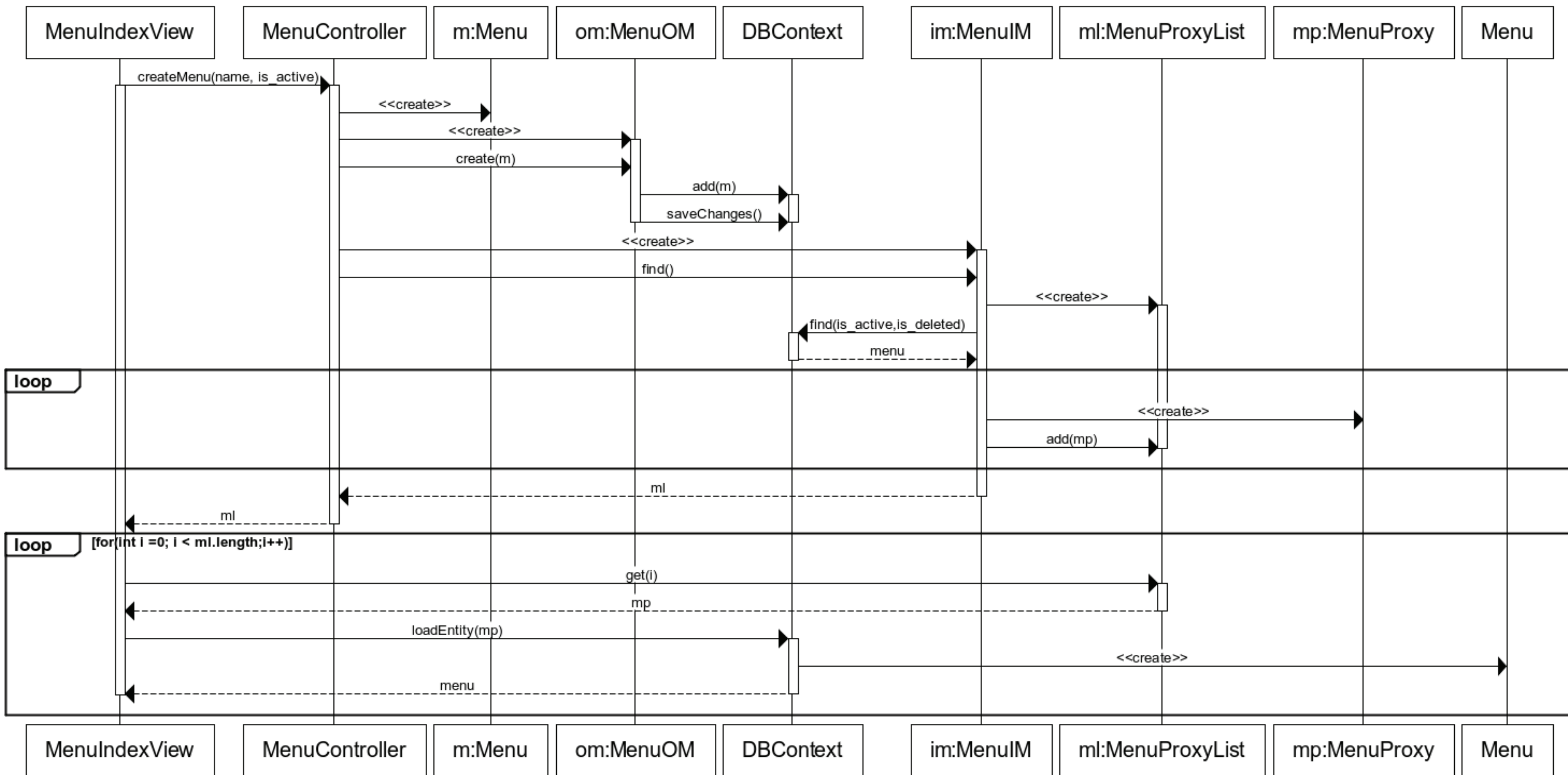**Contract:** createMenu()
Operation: createMenu(…)
Preconditions:
    1.A user is authenticated with the system.
    2.The user has the role: "admin", "restaurant", or "developer".
    3.The user specifies a restaurant and menu name.
Postconditions:
    1.The menu *menu* has been created.
    2.*menu* has been associated with the given restaurant.

Sequence Diagram 27.1 Manage Menu

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Architecture

System Sequence Diagram 27.1 Manage Menu