**Use Case Template**

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| **Use Case Name:** manage currencies | | **Priority/Importance:** HIGH | | **ID Number:** #8 |
| **Short Description:** This use case involves the administration of currencies within the Foreign Exchange Management System (FXMS), including the addition, removal, and modification of supported currencies. | | | | |
| **Trigger:** The administrator initiates currency management tasks within the FXMS.  **Type:** Regular | | | | |
| **Primary actor(s):** SYS admin | **Secondary actor(s):** None | | | |
| **Pre-condition:** The administrator is authenticated and has appropriate permissions.  The FXMS is operational and accessible. | | | | |
| **Relationships:**  **Extends:** Do Trade **Includes: Generalization/Specialization:** | | | | |
| **Major Inputs:**  **Input** **Source**  Currency details SYS Admin  Management by Admin SYS Admin | **Major Outputs:**  **Output** **Destination**  Confirmation messages SYS Admin for successful management.  Updated list of supported SYS Admin currencies in the FXMS. | | | |
| **Major Steps Performed:**  1-Administrator accesses currency management section.  2-Selects option to add, remove, or modify a currency.  3-Enters/Selects currency details (for addition or modification).  4-Confirms the action.  5-System validates and processes the request.  6-Displays confirmation message if successful.  7-Administrator completes currency management tasks.  **Alternate Steps:**   1. If the administrator cancels the action, return to the currency management menu. 2. If there are validation errors, display error messages and prompt correction.   **Exceptions:**   1. **If the administrator does not have the necessary permissions, display an error message and terminate the action.** 2. **If the FXMS is not operational or inaccessible, display an error message and terminate the action.** 3. **If the currency to be added already exists, display an error message and prompt the administrator to choose a different currency or modify the existing one.** | | | **Information for Steps**  Administrator logs in and navigates to currency management.  Administrator chooses add, remove, or modify.  Enter new currency details or select currency to modify.  Administrator confirms the action.  System validates input and processes the request.  System confirms successful action.  Administrator finishes currency management tasks.  Return to menu if administrator cancels.  Display errors and prompt correction.  If the administrator lacks necessary permissions, display error and halt action.  If the FXMS is inaccessible or not operational, display error and terminate action.  If attempting to add a currency that already exists, display error and prompt correction. | |
| **Conclusion:** Efficient currency management is crucial for the FXMS to accurately process foreign exchange transactions. By providing administrators with the ability to add, remove, and modify supported currencies, the system ensures compliance with regulatory standards and facilitates seamless operations. Proper validation and error handling mechanisms guarantee the integrity and reliability of currency-related data within the system, contributing to the overall effectiveness of foreign exchange management. | | | | |
| **Post-condition(s):** FXMS reflects the updated list of supported currencies.  Currency-related operations within FXMS use the updated currency information. | | | | |
| **Business Rules: Only authenticated administrators with appropriate permissions can manage currencies.**  **Currency additions, removals, and modifications must follow ISO standards and regulations.**  **Validation checks ensure accuracy and consistency in currency management.**  **Changes made to currencies should be reflected system-wide and in all relevant transactions.** | | | | |
| **Special Requirements:** None | | | | |