**Use Case Template**

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| **Use Case Name:** Do Swap Trade | | **Priority/Importance:** HIGH | | **ID Number:** #3 |
| **Short Description:** This UC allows traders and coverage groups to do swap trades. | | | | |
| **Trigger:** This UC starts when the trader initiates a swap trade from the system.  **Type:** Regular | | | | |
| **Primary actor(s):** Trader, Coverage Group | **Secondary actor(s):** None | | | |
| **Pre-condition:** Market must be open | | | | |
| **Relationships:**  **Extends:** Do Trade **Includes: Generalization/Specialization:** | | | | |
| **Major Inputs:**  **Input** **Source**  Selected Account Trader, Coverage Group  Trade Amount Trader, Coverage Group  Swap Contract Details - Trader, Coverage Group | **Major Outputs:**  **Output** **Destination**  Amount Prompt Trader, Coverage Group  Trade Success Prompt Trader, Coverage Group  Failure Prompt Trader, Coverage Group  Base Account Selected Trader, Coverage Group | | | |
| **Major Steps Performed:**   1. The trader or coverage group selects the swap contract they want to trade. 2. The trader or coverage group enters the amount of the swap trade. 3. The trader or coverage group specifies the details of the swap contract (e.g., delivery date, underlying asset, etc.). 4. The system registers the trade in the database.   **Alternate Steps:**   * Alt-1: If the trader or coverage group didn’t select an account, the selected account will be the base account.   **Exceptions:**   * Exp-1: If the account has low balance, the forward trade will fail. (BR#1) * Exp-2: If the swap contract details are invalid or incomplete, the swap trade will fail. (BR#2) | | | **Information for Steps**  Amount Prompt  Trade Success Prompt  Base Account Selected  Failure Prompt | |
| **Conclusion:** This UC ends when the trader or coverage group receives a confirmation message. | | | | |
| **Post-condition(s):** A swap trade will be added to the system and executed and linked to the trader or coverage group. | | | | |
| **Business Rules:**   * BR#1: A trader or coverage group cannot execute the trade if the balance is low. * BR#2: The swap contract details must be valid and complete for the trade to be executed. | | | | |
| **Special Requirements:** None | | | | |