**Use Case Template**

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| **Use Case Name:** Do Options Trade | | **Priority/Importance:** HIGH | | **ID Number:** #3 |
| **Short Description:** This UC allows traders and coverage groups to do options trades. | | | | |
| **Trigger:** This UC starts when the trader initiates a options 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  Options 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 options contract they want to trade. 2. The trader or coverage group enters the amount of the options trade. 3. The trader or coverage group specifies the details of the options 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 options trade will fail. (BR#1) * Exp-2: If the options contract details are invalid or incomplete, the options 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 options 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 options contract details must be valid and complete for the trade to be executed. | | | | |
| **Special Requirements:** None | | | | |