Use Case Text for Upgrade to Premium Account Use Case

Goal: To upgrade an existing member.

Actors: Member.

Main Success Scenario:
- Member is welcomed to the website via the official welcome screen.
- The member selects Credit Card Payment.
- A 10-minute timer is initiated.
- If the user does not complete upgrade within 10-minutes, the webpage will expire. Otherwise, all functionality will be maintained.
- Member fills out the upgrade form by entering their credit card credentials.
- System sends user-entered information for verification.
- System verifies the information in 2 stages.
  - Stage 1: Is the Credit Card number = 12 digits?
  - If yes, then Stage 2 verification is initiated.
  - If no, the system raises an Invalid Credit Card Exception and requests the user to re-enter credit card information.
    - Stage 2: Is the Expiration Date > today's date?
    - If yes, the user submits payment. The system then accepts payment and checks if the transaction is successful.
    - If no, the system raises an Invalid Credit Card Exception and requests the user to re-enter credit card information.
- If the system passes through Stage 1 and Stage 2, the system checks the status of the transaction.
- If transaction fails, the system raises a Log Error and the member is notified of a failed payment error.
- If successful, the member's account is updated.
- The member is notified that payment is successful and is welcomed to the official Premium Member Account website.