

## SepTech Upgrade Account

- 41.1 User clicks a UI element to upgrade account to Premium.
- 41.2 Settings page GUI passes user input to settings page controller.
- 41.3 Upgrade page controller sends request to DBMgr for reference to user's account status (already premium or not).
- 41.4 DBMgr returns true or false depending on the user's account status.
- 41.5 If true is returned, then
  - 41.5.1 Settings page controller creates msg stating "account is already premium."
  - 41.5.2 Settings page GUI Displays msg.
- 41.6 Else
  - 41.6.1 Upgrade page GUI generates an input box for payment method.
  - 41.6.2 Settings page GUI Displays msg.
- 41.7 User inputs payment method in the provided Settings page GUI textbox.
- 41.8 Settings page controller sends request to DBMgr for reference to inputed payment method.
- 41.9 DBMgr returns true or false depending on if the DBMgr finds a match in the account table.
- 41.10 If true is returned, then
  - 41.10.1 Account table sets user to premium.
  - 41.10.2 Settings page controller creates a "welcome to premium" msg.
  - 41.10.3 Settings page GUI displays msg to user.
- 41.11 Else
  - 41.11.1 Settings page controller creates msg stating "invalid payment method."
  - 41.11.2 Settings page GUI displays msg.

## SepTech/Upgrade Account Sequence Diagram

