Use Case UC5: Forgotten Password

Primary Actor: User – A person that has access to the application.

Stakeholders and Interests:

- User: Forgot password and wants it to be reset.

- System: Wants to make sure that all users have a valid password and that only authorized

  users can change passwords on a per account basis.

Preconditions: User must request to log in, but cannot remember password..

Success Guarantee (or Postconditions): The password is reset for the current user. This change is

recorded. The user is requested to attempt to log in.

Main Success Scenario (or Basic Flow):

1. User requests that the password be reset.

2. System verifies that the user is authorized to reset the password.

3. User submits possible new password.

4. System validates newly submitted password.

5. System records password change.

Extensions (or Alternative Flows):

2. User is not authorized to reset the password.

   1. System informs user that he is not authorized to change password.

   2. System attempts to verify user a second time.

      1. User not authorized a second time.

         1. System exits.

4. New password is invalid.

   1. System informs user that the password is invalid.

   2. System requests the user submit a valid password.

3. User responds to the error.

   3a. User submits a password that is valid.

      1. System proceeds to step 5 in the Basic Flow.

   3b. User submits a password that is invalid.

      1. System repeats steps 1-3 until valid password is provided or user exits.

5. System has encountered an error during/prior to this step.

   1. System DOES NOT apply changes and exits.