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UML Use Case

I will create a program that may be used as the validation front-end for any other application that requires a user login. This program will provide a user interface for the following use cases:

1. User login
2. Change of password
3. Recovery of a forgotten password
4. Creation of a new user account

The following objects will be created to provide this functionality:

* Account: This object will provide for interface to the account database and allow for creation and modification of accounts.
* Cookie: This object will provide a repository for user preferences on the local device that will be maintained after a session has terminated.
* Session: This object will provide a repository for session variables used only during the session.
* Error: this object will provide the user with feedback in the event of invalid actions.
* Password: this object will provide a standard method for encryption and decryption of the user password.

UML Use Case Diagram

