

## Use Case Specification for Vault

### 1) Name: Login

Participating Actor: User

Entry Condition:

The vault program is running.

The user has valid input information.

Exit Condition:

The user decides to exit and clicks the exit button to exit the program.

Event Flow:

- 1) The user initiates the login function.
  - 2) The user enters their login information.
  - 3) The login function verifies their input.
  - 4) The user is logged in.
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### 2) Name: Logout

Participating Actor: User

Entry Condition:

The vault program is running.

The user is logged in.

Exit Condition:

The user decides to exit and clicks the exit button to exit the program.

Event Flow:

- 1) The user clicks the logout button.
  - 2) The user is logged out.
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### 3) Name: openVault

Participating Actor: User

Entry Condition:

The vault program is running.

The user is logged in.

Exit Condition:

The user decides to exit and clicks the exit button to exit the program.

Event Flow:

- 1) The user clicks the open vault button.
  - 2) The vault is open.
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4) Name: closeVault

Participating Actor: User

Entry Condition:

The vault program is running.

The user is logged in.

The vault is open.

Exit Condition:

The user decides to exit and clicks the exit button to exit the program.

Event Flow:

1) The user clicks the close vault button.

2) The vault is closed.

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5) Name: unlockVault

Participating Actor: Employee

Entry Condition:

The vault program is running.

The employee is logged in.

Exit Condition:

The employee decides to exit and clicks the exit button to exit the program.

Event Flow:

1) The employee clicks the unlock vault button.

2) The vault is unlocked.

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6) Name: lockVault

Participating Actor: Employee

Entry Condition:

The vault program is running.

The employee is logged in.

The vault is unlocked.

Exit Condition:

The employee decides to exit and clicks the exit button to exit the program.

Event Flow:

1) The employee clicks the lock vault button.

2) The vault is locked.

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7) Name: modOrAddUser:

Participating Actor: Administrator

Entry Condition:

The vault program is running.

The administrator is logged in.

Exit Condition:

The administrator decides to exit and clicks the exit button to exit the program.

Event Flow:

- 1) The administrator clicks the Modify/Add user button.
- 2) The administrator adds or modifies a user's information.
- 3) The administrator exits the Modify/Add user function.