

COMP 2710: Project 1 – Sample Usage

A Secure Teller Terminal System

1. Login as system administrator

```
=====
|                               Welcome to the Auburn Branch of the Tiger Bank!   |
|                               |                                               |
=====
```

1) Login

2) Quit

Please choose an option: **1**

```
=====
|                               Login to Access the Teller Terminal System       |
|                               |                                               |
=====
```

User Name: **admin**

Password: **** **(incorrect password)**

The user name or password is incorrect. Try again!

User Name: **admin**

Password: **** **(correct password)**

```
=====
|                               Teller Terminal System – System Administration   |
|                               |                                               |
=====
```

1) Client and Account Management

2) Add a branch staff

3) Delete a branch staff

4) Display branch staffs

5) Change password

6) Exit

Please choose an option:

2. System administration management

2.1 Add branch staffs to the system:

```
=====
|                               Teller Terminal System – System Administration   |
|                               |                                               |
=====
```

1) Client and Account Management

2) Add a branch staff

3) Delete a branch staff

4) Display branch staffs

5) Change password

6) Exit

Please choose an option: **2**

User Name: **abc0002**

Password: ****

Role (1 – Administrator; 2 – Branch Staff): **1**

1) Confirm

2) Cancel

Please choose an option: **1**

A new branch staff is added!

User Name: xzq0001 Role: System Administrator
Press any key to continue... **Enter**

```
=====
|           Teller Terminal System – System Administration           |
=====
```

- 1) Client and Account Management
- 2) Add a branch staff
- 3) Delete a branch staff
- 4) Display branch staffs
- 5) Change password
- 6) Exit

Please choose an option: **2**

User Name: **acm0008**

Password: *********

Role (1 – Administrator; 2 – Branch Staff): **2**

- 1) Confirm
- 2) Cancel

Please choose an option: **1**

A new branch staff was added!

User Name: acm0008 Role: Branch Staff

Press any key to continue... **Enter**

2.2 Display branch staffs:

```
=====
|           Teller Terminal System – System Administration           |
=====
```

- 1) Client and Account Management
- 2) Add a branch staff
- 3) Delete a branch staff
- 4) Display branch staffs
- 5) Change password
- 6) Exit

Please choose an option: **4**

There are 3 users in the system.

1. User Name: admin Role: System Administrator
2. User Name: abc0002 Role: System Administrator
3. User Name: acm0008 Role: Branch Staff

Press any key to continue... **Enter**

2.3 Delete a branch staff:

```
=====
|           Teller Terminal System – System Administration           |
=====
```

- 1) Client and Account Management
- 2) Add a branch staff
- 3) Delete a branch staff
- 4) Display branch staffs
- 5) Change password
- 6) Exit

Please choose an option: **3**

Delete a user - User Name: **abc0005**

- 1) Confirm
- 2) Cancel

Please choose an option: **1**

Warning - User acm0006 is not in the system. No user is deleted!

Press any key to continue... **Enter**

```
=====
|           Teller Terminal System – System Administration           |
=====
```

- 1) Client and Account Management
- 2) Add a branch staff
- 3) Delete a branch staff
- 4) Display branch staffs
- 5) Change password
- 6) Exit

Please choose an option: **3**

Delete a user - User Name: **abc0002**

- 1) Confirm
- 2) Cancel

Please choose an option: **1**

User abc0002 was deleted!

Press any key to continue... **Enter**

```
=====
|           Teller Terminal System – System Administration           |
=====
```

- 1) Client and Account Management
- 2) Add a branch staff
- 3) Delete a branch staff
- 4) Display branch staffs
- 5) Change password
- 6) Exit

Please choose an option: **4**

There are 2 users in the system.

1. User Name: admin Role: System Administrator
2. User Name: acm0008 Role: Branch Staff

Press any key to continue... **Enter**

2.4 Change password:

```
=====
|           Teller Terminal System – System Administration           |
=====
```

- 1) Client and Account Management
- 2) Add a branch staff
- 3) Delete a branch staff
- 4) Display branch staffs
- 5) Change password
- 6) Exit

Please choose an option: **5**

New Password: ****

Error - Your new password must be different from the old one!

New Password: *****

Password was changed!
Press any key to continue... **Enter**

```
=====
|           Teller Terminal System – System Administration           |
=====
1) Client and Account Management
2) Add a branch staff
3) Delete a branch staff
4) Display branch staffs
5) Change password
6) Exit
Please choose an option: 6
```

3. Branch staff – Login and Change password

3.1 Login as a branch staff:

```
=====
|           Login to Access the Teller Terminal System           |
=====
User Name: acm0008
Password: *****
```

3.2 Change the branch staff's password (see also sample usage 2.4):

```
=====
|           Teller Terminal System – Branch Staff           |
=====
1) Client and Account Management
2) Change password
3) Exit
Please choose an option: 2
New Password: ***
Password was changed!
Press any key to continue... Enter
```

4. Client and Account Management

4.1 Start the management of clients and transactions:

```
=====
|           Teller Terminal System – Branch Staff           |
=====
1) Client and Account Management
2) Change password
3) Exit
Please choose an option: 1
```

4.2 Add a client:

```
=====
| Teller Terminal System – Client and Account Management |
=====
1) Add a client
2) Add an account
3) Edit Client Information
```

- 4) Manage an account
- 5) Save Client and Account Information
- 6) Exit

Please choose an option: **1**

A new client will be added:

Client name: **Bob Smith**

Address: **3101 Shelby Center, Auburn, AL**

Social security number: **123-45-6789**

Employer: **Auburn University**

Annual income: **56000**

A new client was added!

Press any key to continue... **Enter**

4.3 Add an account:

```
=====
| Teller Terminal System – Client and Account Management |
=====
```

- 1) Add a client
- 2) Add an account
- 3) Edit Client Information
- 4) Manage an account
- 5) Save Client and Account Information
- 6) Exit

Please choose an option: **2**

Choose a client: **Alice Smith**

Error – The client is not in the system!

Choose a client: **Bob Smith**

A new account will be created for Bob Smith ...

Account Number: **12345**

Account Type: **Checking**

Balance: **500**

A new account was created for Bob Smith!

Press any key to continue... **Enter**

4.4 Edit client information:

```
=====
| Teller Terminal System – Client and Account Management |
=====
```

- 1) Add a client
- 2) Add an account
- 3) Edit Client Information
- 4) Manage an account
- 5) Save Client and Account Information
- 6) Exit

Please choose an option: **3**

Choose a client: **Bob Smith**

Display Bob Smith's information:

Address: 3101 Shelby Center, Auburn, AL

Social security number: 123-45-6789

Employer: Auburn University

Annual income: 56000

Client Bob Smith's information will be updated ...

- 1) Confirm
- 2) Cancel

Please choose an option: **1**

Address: **Shelby Ctr, Auburn, AL**

Social security number: **123-45-6789**

Employer: **Auburn University**

Annual income: **70000**

Client Bob Smith's information was updated!

Press any key to continue... **Enter**

4.5 Manage an account:

```
=====
| Teller Terminal System – Client and Account Management |
=====
```

- 1) Add a client
- 2) Add an account
- 3) Edit Client Information
- 4) Manage an account
- 5) Save Client and Account Information
- 6) Exit

Please choose an option: **4**

Which account will be managed? **12000**

Error – Account 12000 is not in the system!

- 1) Manage an account
- 2) Cancel

Please choose an option: **1**

Which account will be managed? **12345**

Manage account 12345 for Bob Smith ...

- 1) Deposit
- 2) Withdraw
- 3) Cancel

Please choose an option: **1**

Deposit Amount: **10**

Balance of account 12345 is: 510

- 1) Deposit
- 2) Withdraw
- 3) Cancel

Please choose an option: **2**

Withdraw Amount: **100**

Balance of account 12345 is: 410

- 1) Deposit
- 2) Withdraw
- 3) Cancel

Please choose an option: **3**

4.6 Save client and account information:

```
=====
| Teller Terminal System – Client and Account Management |
=====
```

- 1) Add a client
- 2) Add an account
- 3) Edit Client Information

- 4) Manage an account
- 5) Save Client and Account Information
- 6) Exit

Please choose an option: **5**

Client information has been saved in the client-info file; account information has been saved in the account-info file!

Press any key to continue... **Enter**