

Class Descriptions:

Account Class

The purpose of this class is to handle the accounts of all the bank users. For every account, the account number, name, balance and account type will be stored.

Methods

- `__init__` : this method is a simple constructor

Login Class

The purpose of this class is to handle the login logic for both admin and standard users.

Methods

- `__init__` : this method is a simple constructor
- `authenticate` : this method handles the login logic

Withdrawal Class

The purpose of this class is to handle the withdrawal logic for both the admin and standard users.

Methods

- `__init__` : this method is a simple constructor
- `process` : this method handles the withdrawal logic

Transfer Class

The purpose of this class is to handle the transfer logic for both the admin and standard users.

Methods

- `__init__` : this method is a simple constructor
- `process` : this method handles the transfer logic

PayBill Class

The purpose of this class is to handle the paybill logic for both the admin and standard users.

Methods

- `__init__` : this method is a simple constructor
- `process` : this method handles the paybill logic

Deposit Class

The purpose of this class is to handle the deposit logic for both the admin and standard users.

Methods

- `__init__` : this method is a simple constructor
- `process` : this method handles the deposit logic

Create Class

The purpose of this class is to handle the create logic for both the admin and standard users.

Methods

- `__init__` : this method is a simple constructor
- `process` : this method handles the create account logic

Delete Class

The purpose of this class is to handle the delete logic for both the admin and standard users.

Methods

- `__init__` : this method is a simple constructor
- `process` : this method handles the delete account logic

Disable Class

The purpose of this class is to handle the disable logic for both the admin and standard users.

Methods

- `__init__` : this method is a simple constructor
- `process` : this method handles the disable account logic

ChangePlan Class

The purpose of this class is to handle the change plan logic for both the admin and standard users.

Methods

- `__init__` : this method is a simple constructor
- `process` : this method handles the change plan logic

BankSystem Class

The purpose of this class is to handle all different types of transactions that the user requests by calling instances of different classes.

Methods

- `__init__` : this method is a simple constructor
- `main` : method which handles different transactions request