

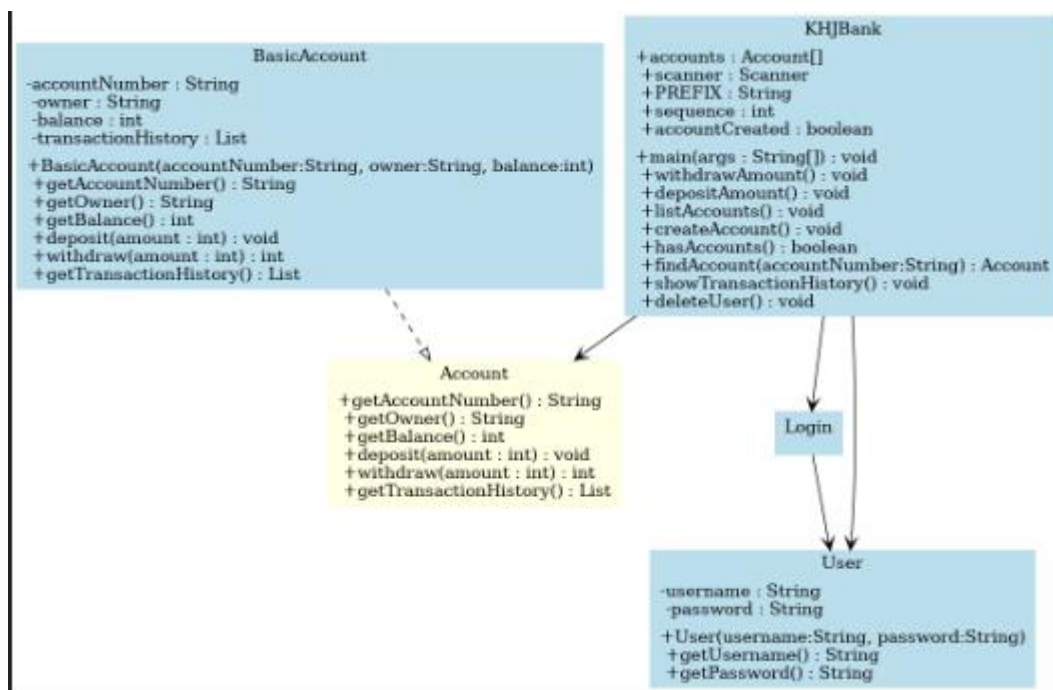
Title: Simple Banking System – KHJBank

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Project Description: This project is a basic banking system implemented in Java, designed to simulate essential banking functions. The system includes functionalities for user registration, account management, and transaction processing.

I used Account interface and 4 classes. This project provides a foundational structure for a simple banking system, showcasing object-oriented programming principles and basic file handling in Java.

Uml diagram:



Github link: https://github.com/HyeokjuCHu/JavaP_22100062.git

Explanation:

```
1. Register | 2. Log in | 3. Exit
```

```
-----  
Select an option: 1
```

```
Enter new username: sk1031403
```

```
Enter new password: Babo00463*
```

```
User registered successfully.
```

```
-----  
1. Register | 2. Log in | 3. Exit
```

```
-----  
Select an option: 2
```

```
Enter username: sk1031403
```

```
Enter password: Babo00463*
```

```
Login successful.
```

Select 1, then user can register their ID and password. It will be saved to textfile, so that, when you come back, you don't have to register everytime. Select 2, it reads textfile and checks if ID matches password. Select 3, you exit.

```
-----  
1. Open Account - 2. List Accounts - 3. Deposit - 4. Withdraw - 5. View Transactions - 6. Delete Account - 7. Exit - 8. Log out
```

```
-----  
Select an option: 1
```

```
Enter your name: Hyeokju Kwon
```

```
Enter initial deposit: 3000
```

```
Account created successfully.
```

You get into main menu if you are verified. You can create account. Account number will be Bank-0001. Next one will be Bank-0002. You can make initial deposit.

```
-----  
1. Open Account - 2. List Accounts - 3. Deposit - 4. Withdraw - 5. View Transactions - 6. Delete Account - 7. Exit - 8. Log out
```

```
-----  
Select an option: 2
```

```
Bank-0001 Hyeokju Kwon 3000
```

You can see all your accounts, which includes account number, name, money.

```
-----  
1. Open Account - 2. List Accounts - 3. Deposit - 4. Withdraw - 5. View Transactions - 6. Delete Account - 7. Exit - 8. Log out
```

```
-----  
Select an option: 3
```

```
Bank-0001 Hyeokju Kwon 3000
```

```
Enter account number to deposit into: Bank-0001
```

```
Enter deposit amount: 4000
```

```
Deposit successful.
```

You can make additional deposit. You type in your account number and amount of money.

```
-----  
1. Open Account - 2. List Accounts - 3. Deposit - 4. Withdraw - 5. View Transactions - 6. Delete Account - 7. Exit - 8. Log out
```

```
-----  
Select an option: 4
```

```
Bank-0001 Hyeokju Kwon 7000
```

```
Enter account number to withdraw from: Bank-0001
```

```
Enter withdrawal amount: 2000
```

```
Withdrawn: 2000
```

You can also withdraw money. You type in your account number and amount of money.

```
1. Open Account - 2. List Accounts - 3. Deposit - 4. Withdraw - 5. View Transactions - 6. Delete Account - 7. Exit - 8. Log out
-----
Select an option: 5
Bank-0001 Hyeokju Kwon 5000
Enter account number: Bank-0001
Account created with initial deposit: 3000
Deposit: 4000
Withdrawal: 2000
```

You can see what happened with your account. You can see all deposit, including initial deposit, and withdraw.

```
-----
1. Open Account - 2. List Accounts - 3. Deposit - 4. Withdraw - 5. View Transactions - 6. Delete Account - 7. Exit - 8. Log out
-----
Select an option: 6
Enter username: sk1031403
Enter password: Babo0463*
User deleted successfully.
```

You can delete your bank account.