

Class User

java.lang.Object
User

```
public class User
extends Object
```

a class to hold user information

Field Summary

Fields

Modifier and Type	Field	Description
private String	accountID	AccountID of the user
private String	password	Password of the user
private String	username	Username of the user
private Wallet	wallet	this is the wallet class

Constructor Summary

Constructors

Constructor	Description
User()	Default constructor
User(String username, String password, String accountID)	Constructor that creates a user with attributes.

Method Summary

All Methods	Static Methods	Instance Methods	Concrete Methods
Modifier and Type	Method		Description
String	getAccountID()		get the accountID
String	getPassword()		get the password
String	getUsername()		get the username
Wallet	getWallet()		get wallet

static void	<code>main(String [] args)</code>	Main method to test adding new users
void	<code>saveFile()</code>	Saves user's information
void	<code>setPassword(String newPassword)</code>	Changes the password
<code>String</code>	<code>toString()</code>	Displays the user information

Methods inherited from class `java.lang.Object`

`clone` , `equals` , `finalize` , `getClass` , `hashCode` , `notify` , `notifyAll` , `wait` , `wait` , `wait`

Field Details

username

`private String username`

Username of the user

password

`private String password`

Password of the user

accountID

`private String accountID`

AccountID of the user

wallet

`private Wallet wallet`

this is the wallet class

Constructor Details

User

```
public User(String username,  
            String password,  
            String accountID)
```

Constructor that creates a user with attributes.

Parameters:

username - username of the user, can be changed

password - password of the user, can be changed

accountID - accountID of the user, can NOT be changed

User

```
public User()
```

Default constructor

Method Details

getUsername

```
public String getUsername()
```

get the username

Returns:

the username

getPassword

```
public String getPassword()
```

get the password

Returns:

the password

getAccountID

```
public String getAccountID()
```

get the accountID

Returns:

the accountID

getWallet

```
public Wallet getWallet()
```

get wallet

Returns:

the wallet

setPassword

```
public void setPassword(String newPassword)
```

Changes the password

Parameters:

newPassword - the new password

saveFile

```
public void saveFile()
```

Saves user's information

toString

```
public String toString()
```

Displays the user information

Overrides:

toString in class Object

Returns:

user name and account ID

main

```
public static void main(String [] args)
```

Main method to test adding new users

