sd Create Account

User

System

1: requestAccount()

1.1: prompt for username and password

loop

[loop]

2: createAccount(username, password)

2.1: if taken username, prompt again

2.2: stores account info and notifies user of successful creation

Contract: Request Account
Operation: requestAccount()
Cross-References: Use Cases: Create Account
Pre-condition: User would like to create a new account
Post-condition: User begins the account creation process

Contract: Create Account
Operation: createAccount(username: String, password: String)
Cross-References: Use Cases: Create Account
Pre-condition: User would like to create a new account with
this username and password
Post-condition: System checks for availability of the username