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ExBanking

Functional Test Cases

**create\_user**:

* Create a user with a unique username, as well as a password
* Creating a user with an existing username should fail

**deposit:**

* Deposit a positive amount to an existing user’s balance
* Cannot deposit an amount to a nonexistent user
* Cannot deposit a negative amount

**withdraw:**

* Cannot withdraw from a nonexistent user
* Cannot withdraw if user’s password does not match username
* Cannot withdraw a negative amount
* Valid amount will subtract from the user’s balance

**getBalance:**

* Valid username and password combination required
* Return the user’s balance

**send:**

* Transfer money from one user’s balance to another
* Fails if one or both users’ usernames are invalid
* The sender user’s password is required
* Cannot transfer more money than is in the sender user’s balance