



#### **DatabaseInserter**

- + insertRole(role: String, connection: Connection): boolean
- + insertNewUser(name: String, age: int, address: String, roleId: int, password: String, connection: Connection): int
- + insertAccountType(name: String, interestRate: BigDecimal, connection: Connection): boolean
- + insertAccount(name: String. balance: Bigdecimal, typeId: int, connection: Connection): int
- + insertUserAccount(userId: int, accountId: int, connection: Connection): boolean
- + insertPassword(password: String, userId: int, connection: Connection): boolean
- + insertUser(name: String, age: int, address: String, roleId: int, connection: Connection): int

## DatabaseInsertHelper

- + insertRole(role: String) : boolean
- + insertNewUser(name: String, age: int, address: String, roleld: int, password: String): int
- + insertAccountType(name: String, interestRate: BigDecimal: boolean
- + insertAccount(name: String. balance: Bigdecimal, typeId: int): int
- + insertUserAccount(userId: int, accountId: int) : boolean
- + insertPassword(password: String, userId: int): boolean
- + insertUser(name: String, age: int, address: String, roleld: int): int

### **DatabaseUpdater**

- + updateRoleName(name: String, id: int, connection: Connection): boolean
- + updateUserName(name: String, id: int, connection: Connection): boolean
- + updateUserAge(age: int, id: int, connection: Connection): boolean
- + updateUserRole(roleId: int, id: int, connection: Connection): boolean
- + updateUserAddres(address: String, id: int, connection: Connection): boolean
- + updateAccountName(name: String, id: int, connection Connection): boolean
- + updateAccountBalance(balance: BigDecimal, id: int, connection: Connection): boolean
- + updateAccountType(typeId: int, id: int, connection: Connection): boolean
- + updateAccountTypeName(name: String, id: int, connection: Connection): boolean
- + updateAccountTypeInterestRate(InterestRate: BigDecimal, id: int, connection: Connection): boolean

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## **DatabaseUpdateHelper**

- + updateRoleName(name: String, id: int) : boolean
- + updateUserName(name: String, id: int): boolean
- + updateUserAge(age: int, id: int) : boolean
- + updateUserRole(roleId: int. id: int): boolean
- + updateUserAddres(address: String, id: int): boolean
- + updateAccountName(name: String, id: int): boolean
- + updateAccountBalance(balance: BigDecimal, id: int): boolean
- + updateAccountType(typeId: int, id: int) : boolean
- + updateAccountTypeName(name: String, id: int): boolean
- + updateAccountTypeInterestRate(InterestRate: BigDecimal, id: int): boolean