

CS 2340

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M6 Individual – Method Contract

In UserDao in User Package

Feature: Checks user's username and password for login

Method signature:

```
public int login(String userID, String userPW);
```

Preconditions:

- userID must not be null.

- userID and userPW must not exceed 20 characters in length

Post-conditions:

- userID does not exist

- User can login with proper credentials.

- userID does not match userPW

- SQL string throws an error

End

Invariants:

- session is set with userID

- Can access user data in database

- Connected to the database

End

