Use Case: Login to jTunes

Primary Actors: end user, admin

Preconditions: user is viewing login page, user has account

Post Conditions: user is logged in

Main Success Scenario:

1) user submits username and password
2) System displays main page with confirmation message

Extensions:

1a) user submits invalid username and/or password
2b) System displays login page and error message

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1. b1 := logIn(String: user, String: password): Boolean → : Controller

2. create()

4. b2: loggedIn := login(String: username, String: password, Database db): Boolean

5. pass: getHashedPassword(String: user): byte[] — : QueryDB ← : Login

3. pass: = getHashedBytes(byte[] in): byte[] → Util

Login checks the password and returns true if user is successfully logged in

Controller	Login	Query DB	Util
Database db;		byte[] getHashedPassword (String user);	byte[] getHashedBytes (byte[] in);
Boolean logIn (String user, String password)	Boolean login (String username, String password, Database db);		