Example:

.executeQuery("SELECT \* from Student where fname='" + name + "'")

/getAllUsers

* Params: none
* Returns all users from database

SELECT \* FROM User\_Table;

/getAllPosts

* Params: none
* Returns all posts from database

SELECT \* FROM clothing;

/getUser

* Params: userName
* Return a specific user

SELECT \* FROM User\_Table WHERE username = 'userName';

(“SELECT \* FROM User\_Table WHERE username = '” + userName + “';”)

/getPost

* Params: Post (clothing\_id)
* Return a specific post

SELECT \* FROM clothing WHERE clothing\_id = Post

(“SELECT \* FROM clothing WHERE clothing\_id =” + Post)

/updateUser

* Params: userName, field (to update), new\_info
* Updates a specific user with new information into the specific field (such as password)

UPDATE User\_Table SET field = 'new\_info' WHERE username = 'userName'

(“UPDATE User\_Table SET ” + field + “ = '” + new\_info + “' WHERE username

= '” + userName + “'”)

/updatePost

* Params: Post field, new\_info
* Updates information related to the specific Post

UPDATE clothing SET field = 'new\_info' WHERE clothing\_id = Post

(“UPDATE clothing SET ” + field + “ = '” + new\_info + “' WHERE clothing\_id

= '” + Post + “'”)

/deletePost

* Params: Post
* Deletes specific Post

DELETE FROM clothing WHERE clothing\_id = Post

(“DELETE FROM clothing WHERE clothing\_id = '” + Post + “';”)

/deleteUser

* Params: Username
* Deletes specific user

DELETE FROM User\_Table WHERE user\_id = Username

(“DELETE FROM User\_Table WHERE user\_id = '” + Username + “';”)

/login

* Params: username, password
* Returns true if the username and password are valid
* Returns false and error message if incorrect

SELECT password FROM User\_Table WHERE username = 'userName';

(“SELECT password FROM User\_Table WHERE username = '” + userName + “';”)

/register

* Params: userName, email, Password
* Create a User

INSERT INTO User\_Table (username, password, usc\_email) VALUES (userName, Password, email);

(“INSERT INTO User\_Table (username, password, usc\_email) VALUES ('” + userName + “', '” + Password + “', '” + email + “');”)

/addPost

* Params: Post variables, UserName
* Posts the Post to database

INSERT INTO clothing (clothing\_id, name, price, description, link\_to\_image, user\_id) VALUES ('01', 'pen','1.36','black pen','www.pen.com', '1');

/postUser

* Params: User
* Posts the user to the database