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Title: Epyk Chat

Automated Tests: We're using the Python Unit Test to test the responses of our restful API since it's simple and effective in seeing what specific features function or not.

User Acceptance Tests: (Posted below)

Test 1: `app.post('/user_login', function(req, res){`

Test 2: `app.post('/add_friend', function(req, res){`

Test 3: `app.post('/send_message', function(req, res){`

Import requests

`response = requests.post('https://epyk-chat.herokuapp.com/user_login', headers);`

```
=====
FAIL: test_add_friend (__main__.TestCase)
-----
Traceback (most recent call last):
  File "test.py", line 77, in test_add_friend
    self.assertTrue(response.text=='Something went wrong...')
AssertionError: False is not true
```

```
=====
FAIL: test_login (__main__.TestCase)
-----
Traceback (most recent call last):
  File "test.py", line 32, in test_login
    self.assertTrue(response.text.find("Error")==-1)
AssertionError: False is not true
```

```
=====
FAIL: test_send_message (__main__.TestCase)
-----
Traceback (most recent call last):
  File "test.py", line 55, in test_send_message
    self.assertTrue(response.text=='failure')
AssertionError: False is not true
```

```
-----
Ran 3 tests in 38.355s
```

```
FAILED (failures=3)
```

## User Acceptance Tests:

### Epyk Chat

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Purpose: Testing the user login, message sending, and friend adding features of the web application

Test Date: April 19, 2018

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Test Step	Expected Result	Actual Result	Pass/Fail
1. Log In with no post headers	Error page	Error Page	Pass
2. Login with user already in db	Redirected to Index.html	Server crash	Fail
3. Login with user not in db	Redirected to Index.html	Server crash	Fail
4. Sending a Message with no headers	Error Page	Error page	Pass
5. Send message to user that doesn't exist	'failure'	'failure'	Pass
6. Send message properly	'success'	Server crash	Fail
7. Adding a Friend with no headers	Error page	Error page	Pass
8. Add user who doesn't exist	"Something went wrong..."	Server crash	Fail
9. Add user who does exist	User's profile page	Server crash	Fail

<https://github.com/TeamEpyk/MatchMessaging/commit/7755b76f7d59011e39ece3e4e8659dc230142e97>