| Test id | Description | Input | Expected Output | Date Tested | Problem | Solution |
| --- | --- | --- | --- | --- | --- | --- |
| 1 grey box | System test  load app in debug mode | app.config.from\_object('config.DebugConfig') | App loads on localhost with correct session variables |  |  |  |
| 2 grey box | System test  load app in testing mode | app.config.from\_object('config.TestingConfig') | App loads on localhost with correct session variables |  |  |  |
| 3 grey box | System test  load app in release mode | app.config.from\_object('config.ReleaseConfig') | App loads on localhost with correct session variables |  |  |  |
| 4 black box | Unit test  Not logged in profile page | Attempt to load /profile if not logged in | Redirect to login |  |  |  |
| 5 black box | Unit test  Logged in on profile page | Attempt to load /profile if logged in | Load template profile.html |  |  |  |
| 6 black box | Unit test  Logged in on messages page | Attempt to load /profile/messages if logged in | Load template messages.html |  |  |  |
| 7 black box | Unit test  Not logged in on messages page | Attempt to load /profile/messages if not logged in | Redirect to login |  |  |  |
| 8 grey box | Unit test  Logged in and send friend request | Attempt to send friend request | HTTP 200 or 403 |  |  |  |
| 9 black box | Unit test  Not logged in and send friend request | Attempt to send friend request | Redirect to login |  |  |  |
| 10 grey box | Unit test  Logged in and add category | Attempt to add category | HTTP 200 or 403 |  |  |  |
| 11 black box | Unit test  Not logged in and add category | Attempt to add category | Redirect to login |  |  |  |
| 12 grey box | Unit test  Logged in and add thread | Attempt to add thread | HTTP 200 or 403 |  |  |  |
| 13 black box | Unit test  Not logged in and add thread | Attempt to add thread | Redirect to login |  |  |  |
| 14 grey box | Unit test  Logged in and add comment | Attempt to add comment | HTTP 200 or 403 |  |  |  |
| 15 black box | Unit test  Not logged in and add comment | Attempt to add comment | Redirect to login |  |  |  |
| 16 grey box | Unit test  Logged in and vote on thread | Attempt to vote on thread | HTTP 200 or 403 |  |  |  |
| 17 black box | Unit test  Not logged in and vote on thread | Attempt to vote on thread | Redirect to login |  |  |  |
| 18 grey box | Unit test  Logged in and vote on comment | Attempt to vote on comment | HTTP 200 or 403 |  |  |  |
| 19 black box | Unit test  Not logged in and vote on comment | Attempt to vote on comment | Redirect to login |  |  |  |
| 20 white box | System test  Debug database created | Run command init\_db in debug mode | Blank database called codefeed\_debug.db created |  |  |  |
| 21 white box | System test  Testing database created | Run command init\_db in testing mode | Blank database called codefeed\_testing.db created |  |  |  |
| 21 white box | System test  release database created | Run command init\_db in release mode | Blank database called codefeed\_release.db created |  |  |  |
| 22 black box | Unit test  Landing.html loads properly | Load / route | Assert page text loads correctly, as per the requirements |  |  |  |
| 23 black box | Unit test  Create account link redirects | Click “Create Account” on landing page | Redirect to /register |  |  |  |
| 24  black box | Unit test  Login link redirects | Click “Login” on landing page | Redirect to /login |  |  |  |
| 25 black box | Unit test  Registered Users count when empty | View “Registered Users” count | Shows 0 |  |  |  |
| 26 black box | Unit test  Registered Users count when not empty | Add 5 new users to the database. View “Registered Users” count | Shows 5 |  |  |  |
| 27 black box | Unit test  Current Groups count when empty | View “Current Groups” count | Shows 0 |  |  |  |
| 28 black box | Unit test  Current Groups count when not empty | Add 4 new categories to the database. View “Current Groups” count | Shows 4 |  |  |  |
| 29 black box | Unit test  Posts Made count when empty | View “Posts Made” count | Shows 0 |  |  |  |
| 30 black box | Unit test  Posts Made count when not empty | Add 3 new threads to the database. View “Posts Made” count | Shows 3 |  |  |  |
| 31 black box | Unit test  Happy Programmers count when empty | View “Happy Programmers” count | Shows 0 |  |  |  |
| 32 black box | Unit test  Happy Programmers count when not empty | Add 10 votes to the database. View “ Happy Programmers” count | Shows 10 |  |  |  |
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