# UNIT TESTS

FOR

PHOTO LANGUAGE TRANSLATION

PEACE CORPS PROJECT

# VERSION NUMBER 0.1

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| SNo | Test Scenario | Expected Result | Actual Result |
| 1 | If the user is not logged in, try to access any other URL: /sites | Cannot access URL.  Shows error message – “ Sign in or sign up before continuing.”  It redirects to URL of login page: /plt/users/sign\_in | Same as expected |
| 2 | Click on sign up link -> Without entering complete information. | The form is not processed.  It shows error-No field can be left empty. | Same as expected |
| 3 | “Login/ sign in” link : If any field value is wrongly entered or not entered. | It shows an error-“ In valid user name or password.” | Same as expected |
| 4 | “Edit” profile | User can edit any field except role and login approval fields.  Changing the username requires entering current password again even if the user is logged in (for security purpose).  Changing password requires user to enter current password, new password, new password confirmation field for security purpose.  Delete account button delete the particular user record permanently from the database. | Same as expected |
| 5 | “Logout” link | The user who is logged in will be able to see the logout link. When clicked, it ends the users session. | Same as expected |
| 6 | “Show” link | It directs to a page where it shows the entry with a particular id. | Same as expected |
| 7 | “Edit” link | It directs to edit form page where the user can edit an entry with a particular id. When user clicks “Update” button, the entry gets updated in database. | Same as expected |
| 8 | “Delete” link | When clicked, it shows a confirmation message. If user selects OK, then the entry with particular id permanently from the database.  If user selects Cancel, then the entry is not deleted. | Same as expected |
| 9 | “+New” link | It directs to a create form where user can create an entry with a specific id.  When user clicks “Create” button, the new entry gets entered in database. | Same as expected |
| 10 | 126 (7 models\*6 view pages\*3 roles) tests were conducted to test accessibility of URLs according to user permissions as shown in the table below. | All the URLs which are inaccessible for a particular user shows error message- You are not authorized to access this page.  The rest authorized URLs are fine. | Same as expected |
| 11 | Click on posts tab. | Shows the lists of posts in database. | Same as expected |
| 12 | Click on Users tab. | Shows the lists of volunteers, contributors and guests in database. | Same as expected |
| 13 | Click on sites tab. | Shows the lists of sites in database. | Same as expected |
| 14 | Click on languages tab. | Shows the lists of languages in database. | Same as expected |
| 15 | Click on articles tab. | Shows the lists of articles in database. | Same as expected |
| 16 | Edit Form | Shows errors if the compulsory fields are not added. | Same as expected |
| 17 | New Form | Shows errors if the compulsory fields are not added. | Same as expected |
| 18 | Re doing all the above tests without running the rails server. To check whether the application works offline. | Application works offline. | Same as expected |

### User permissions, roles and their respective views:

A: Admin

V: Volunteer

C: Contributor

G: Guest

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Model Name** | **index** | **show** | **edit** | **new** | **\_form** | **delete** | **Other Details** |
| **Installation** | A | A | A | A | A | A |  |
| **Site** | V,A | V,A | V,A | A | V,A | A | Delete sites on index page-Admin only. Adding & deleting Volunteer names on show page Admin Only |
| **Language** | C,V,A | C,V,A | A | A | A | A | Edit, delete, new on index page only for Admin |
| **Article** | C,V,A | C,V,A | C,V,A | C,V,A | C,V,A | C,V,A | Delete on index page V,A only |
| **User** | A,V | A,V | A | Does not exist | A | A |  |
| **Volunteer** | A | A | A | A | A | A |  |
| **Contributor** | A,V | A,V | A,V | A,V | A,V | A,V |  |

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| --- | --- | --- |
| **Model Name** | **Compulsory fields** | **Dependency of models** |
| **Installation** | installation (post name) |  |
| **Site** | name (site name) | belongs\_to :installation |
| **Language** | name (language name) |  |
| **Article** |  | belongs\_to :language |
| **User** | username, role, login\_approval, first\_name, last\_name |  |
| **Volunteer** | vname (volunteer name) | belongs\_to :site |
| **Contributor** | name (contributor name) | belongs\_to :site |