**Test case for Assignment**

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**\*Refer to Appendix for screenshot results**

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| **Test Case ID** | **001** |
| **Test Case Description** | **Login** | **Test Priority** | **High** |
| **Pre-requisite** | **Registered Username & Password** | **Post-Requisite** | **NIL** |
| **S/NO** | **Action** | **Input** | **Expected Output** | **Actual Output** | **Test Result** |
| 1.0 | Navigate to http://127.0.0.1:8000/admin | http://127.0.0.1:8000/admin | Go to login page | Show login page | Pass |
| 1.1 | Enters invalid username and/or password | ID: iamnotregistered  Pass: notregistered | Error message: “Please enter the correct username and password for a staff account.” appears | Error message: “Please enter the correct username and password for a staff account.” appears | Pass |
| 1.2 | Enters valid username and password as staff only | ID: staff1  Pass: staffonly | Show site with “You don’t have permission” to view or edit anything” appears | Show site with “You don’t have permission” to view or edit anything” appears | Pass |
| 1.3 | Enters valid username and password as admin | ID: admin  Pass: admin1234! | Show site with ability to view, add users and post blog | Show site with ability to view, add users and post blog | Pass |

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| **Test Case ID** | **002** |
| **Test Case Description** | **Access homepage** | **Test Priority** | **High** |
| **Pre-requisite** | **NIL** | **Post-Requisite** | **NIL** |
| **S/NO** | **Action** | **Input** | **Expected Output** | **Actual Output** | **Test Result** |
| 2.0 | Navigate to homepage | Press “Home” button | Display homepage | Display homepage | Sometimes pass, sometimes fail  (\*Need to retry sometimes to pass) |

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| **Test Case ID** | **003** |
| **Test Case Description** | **Access blog** | **Test Priority** | **High** |
| **Pre-requisite** | **NIL** | **Post-Requisite** | **NIL** |
| **S/NO** | **Action** | **Input** | **Expected Output** | **Actual Output** | **Test Result** |
| 3.0 | Navigate to blog | Press “Blog” button | Display blog page | Display blog page | Pass |

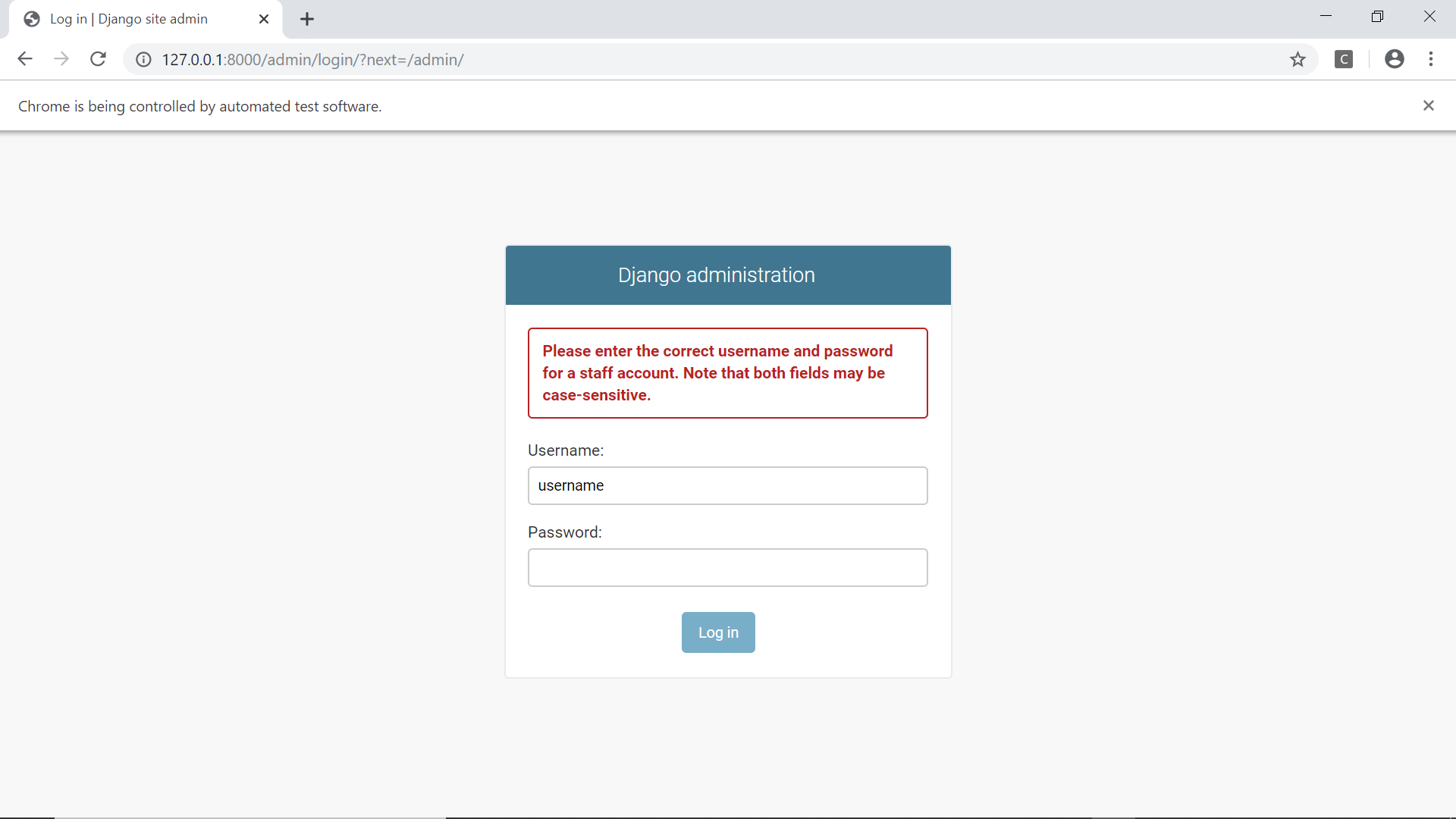
|  |  |
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| **Test Case ID** | **004** |
| **Test Case Description** | **View project** | **Test Priority** | **High** |
| **Pre-requisite** | **NIL** | **Post-Requisite** | **NIL** |
| **S/NO** | **Action** | **Input** | **Expected Output** | **Actual Output** | **Test Result** |
| 4.0 | View description | Click “View more” button | Able to see description of project | Display list of projects without clicking “View More” | Half-pass as description is hard-coded. |

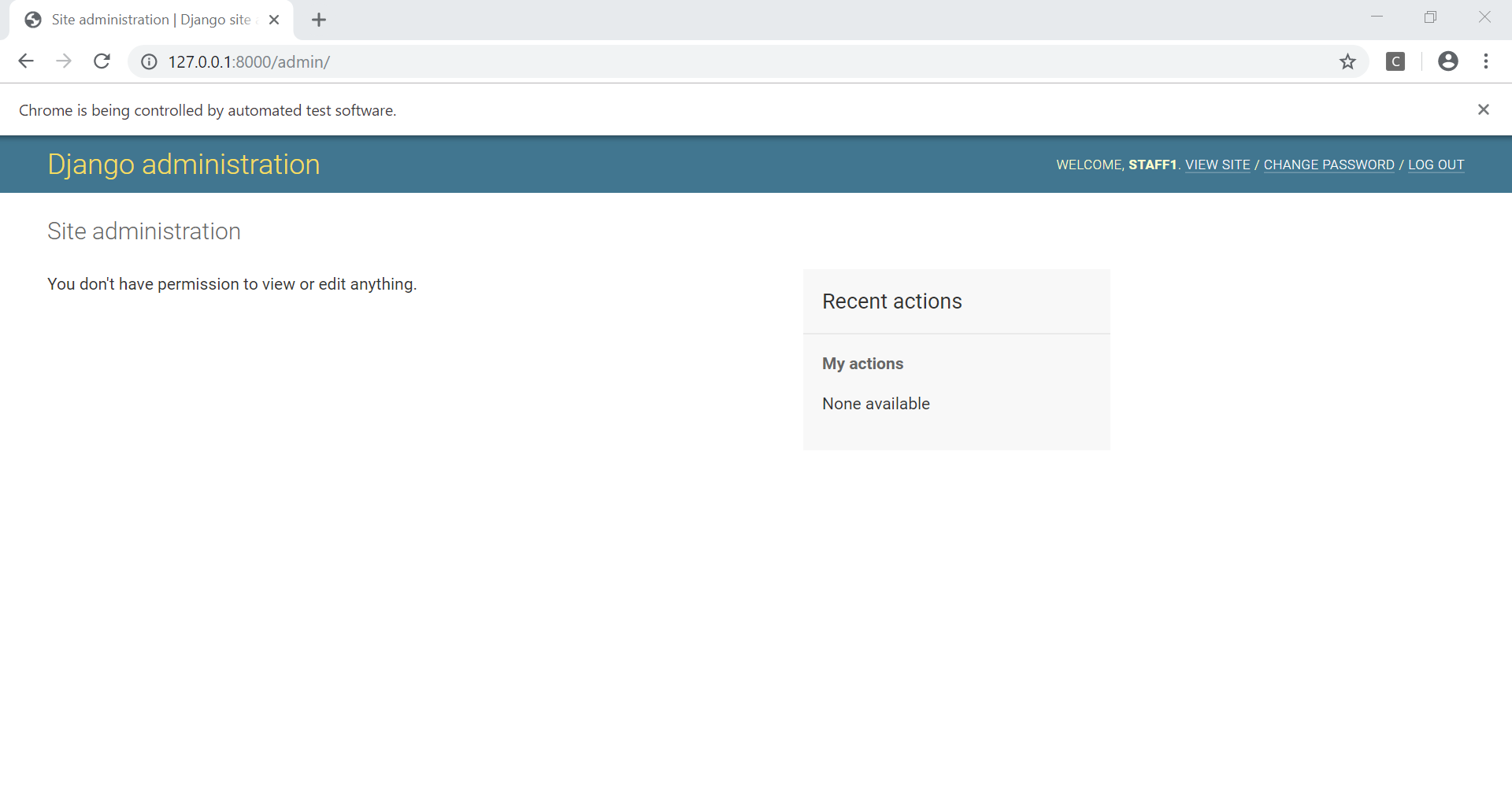
|  |  |
| --- | --- |
| **Test Case ID** | **005** |
| **Test Case Description** | **Post blog** | **Test Priority** | **High** |
| **Pre-requisite** | **User must be registered as admin** | **Post-Requisite** | **Able to post blog** |
| **S/NO** | **Action** | **Input** | **Expected Output** | **Actual Output** | **Test Result** |
| 5.0 | Post blog as staff | ID: staff1  Pass: staffonly | Show site with “You don’t have permission” to view or edit anything” appears | Show site with “You don’t have permission” to view or edit anything” appears | Pass |
| 5.1 | Post blog as admin | ID: admin  Pass: admin1234!, followed by pressing Blog -> Posts -> Add button | Display Add Post page | Add Post page displayed | Failed as Selenium did not automatically redirect to the page. |
| 5.2 | Admin inputs nothing in blog | Ttile:  Body:  Categories: | Error message: “This field is required” appears | Error message: “This field is required”appears | Pass |
| 5.3 | Admin inputs test post | Ttile: Test  Body: test  Categories: Hello | Able to see post on blog | Able to see post on blog | Pass |

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| **Test Case ID** | **006** |
| **Test Case Description** | **List registered users** | **Test Priority** | **High** |
| **Pre-requisite** | **User must be registered as admin** | **Post-Requisite** | **Able to see user’s username who have registered** |
| **S/NO** | **Action** | **Input** | **Expected Output** | **Actual Output** | **Test Result** |
| 6.0 | View list of registered users as staff | ID: staff1  Pass: staffonly | Show site with “You don’t have permission” to view or edit anything” appears | Show site with “You don’t have permission” to view or edit anything” appears | Pass |
| 6.1 | View list of registered users as admin | ID: admin  Pass: admin1234!, followed by pressing Authentication And Authorization -> Users -> Change button | Display Users page | Display Users page | Half-pass as page redirection is hardcoded |

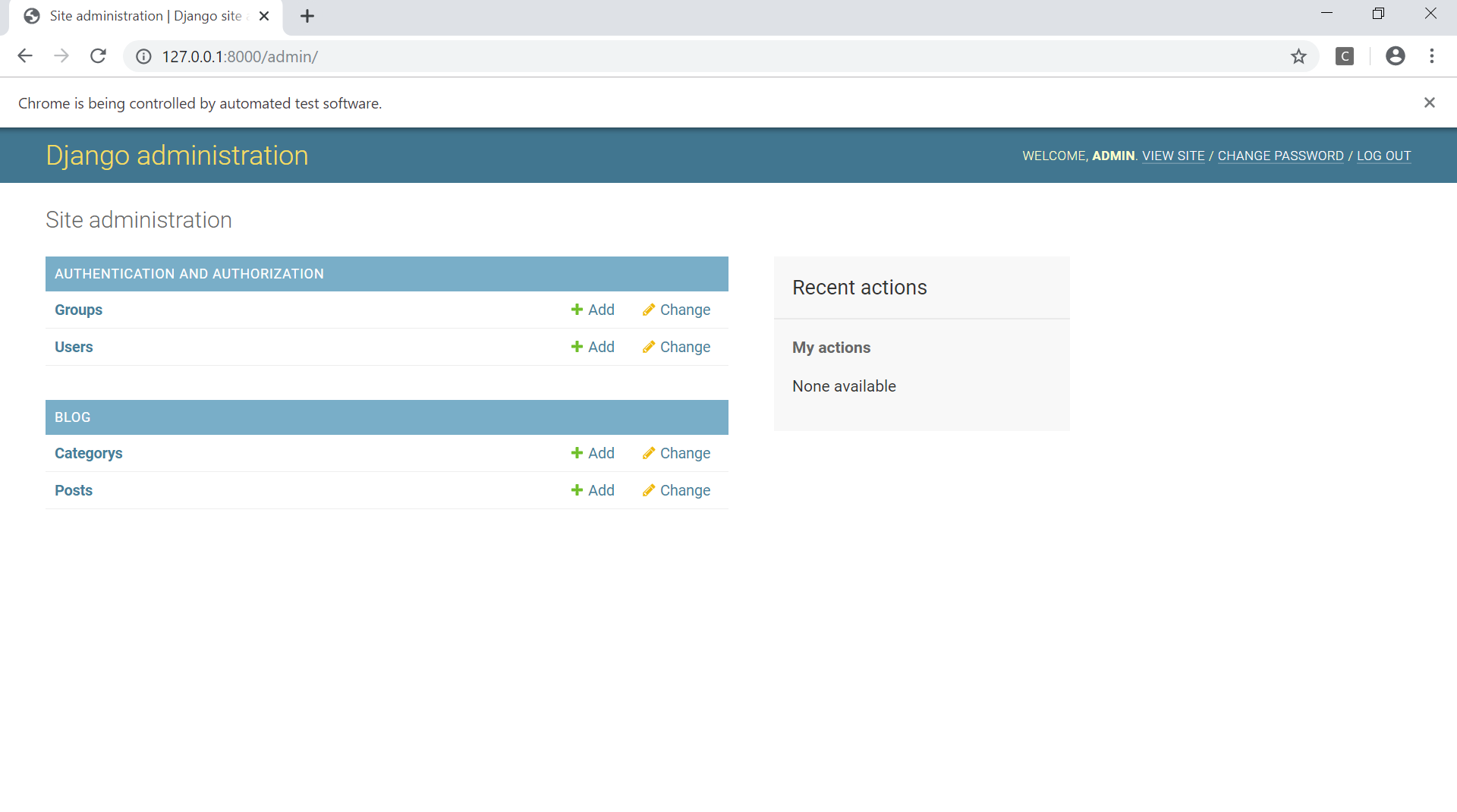
**Appendix**

Test case 1.1: Login as unregistered user

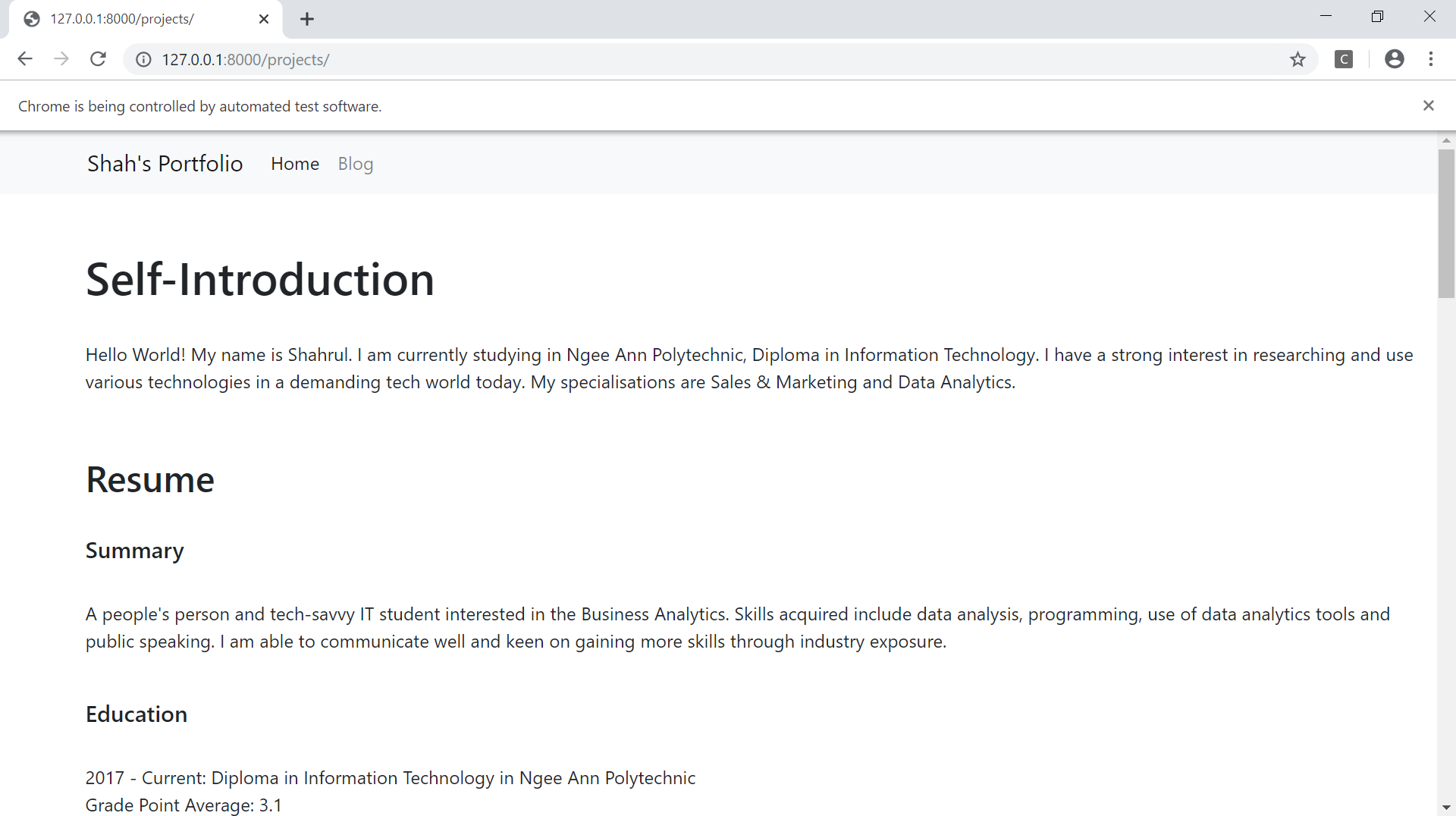


Test case 1.2:Login as staff

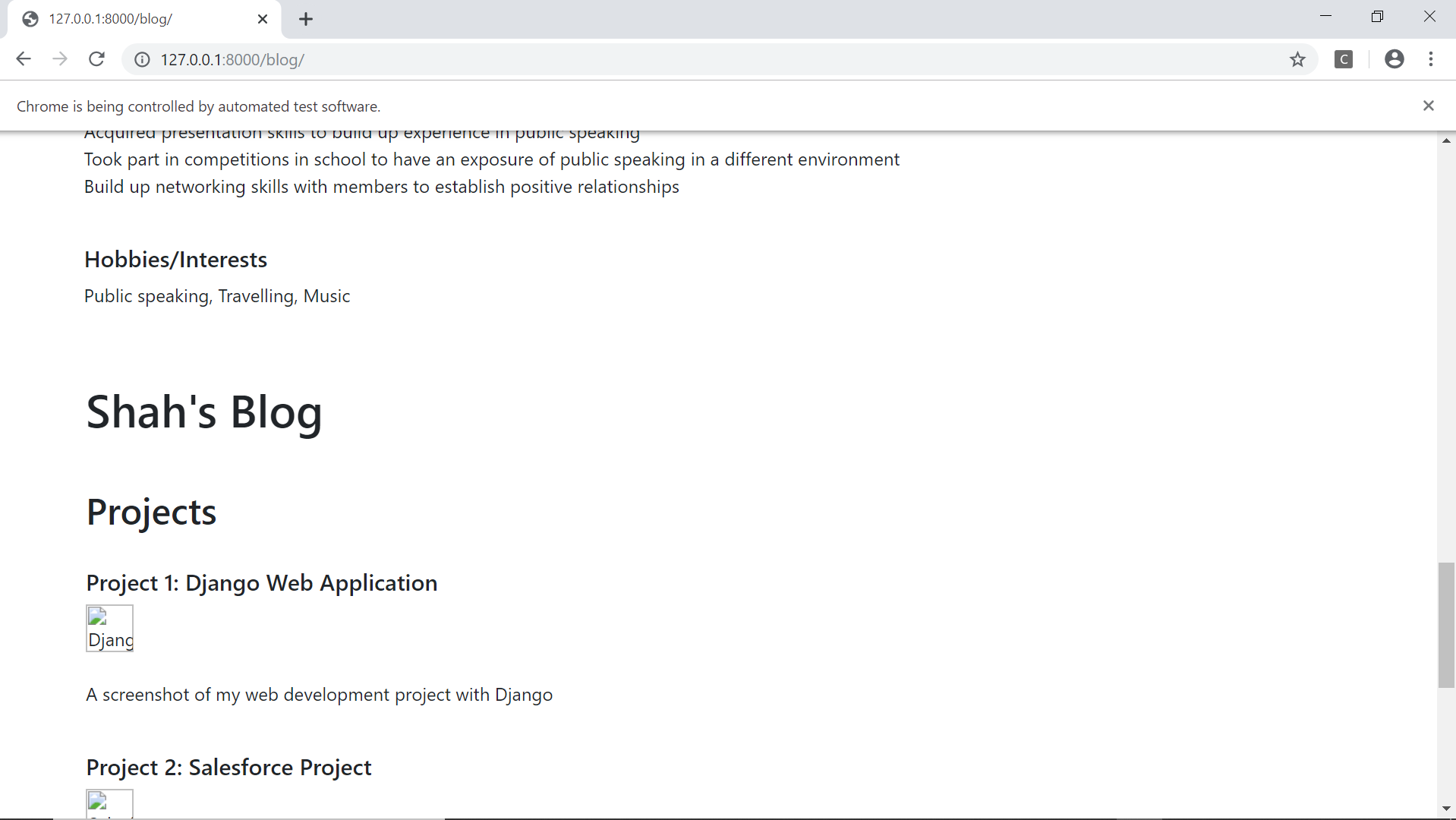
Test case 1.3: Login as admin



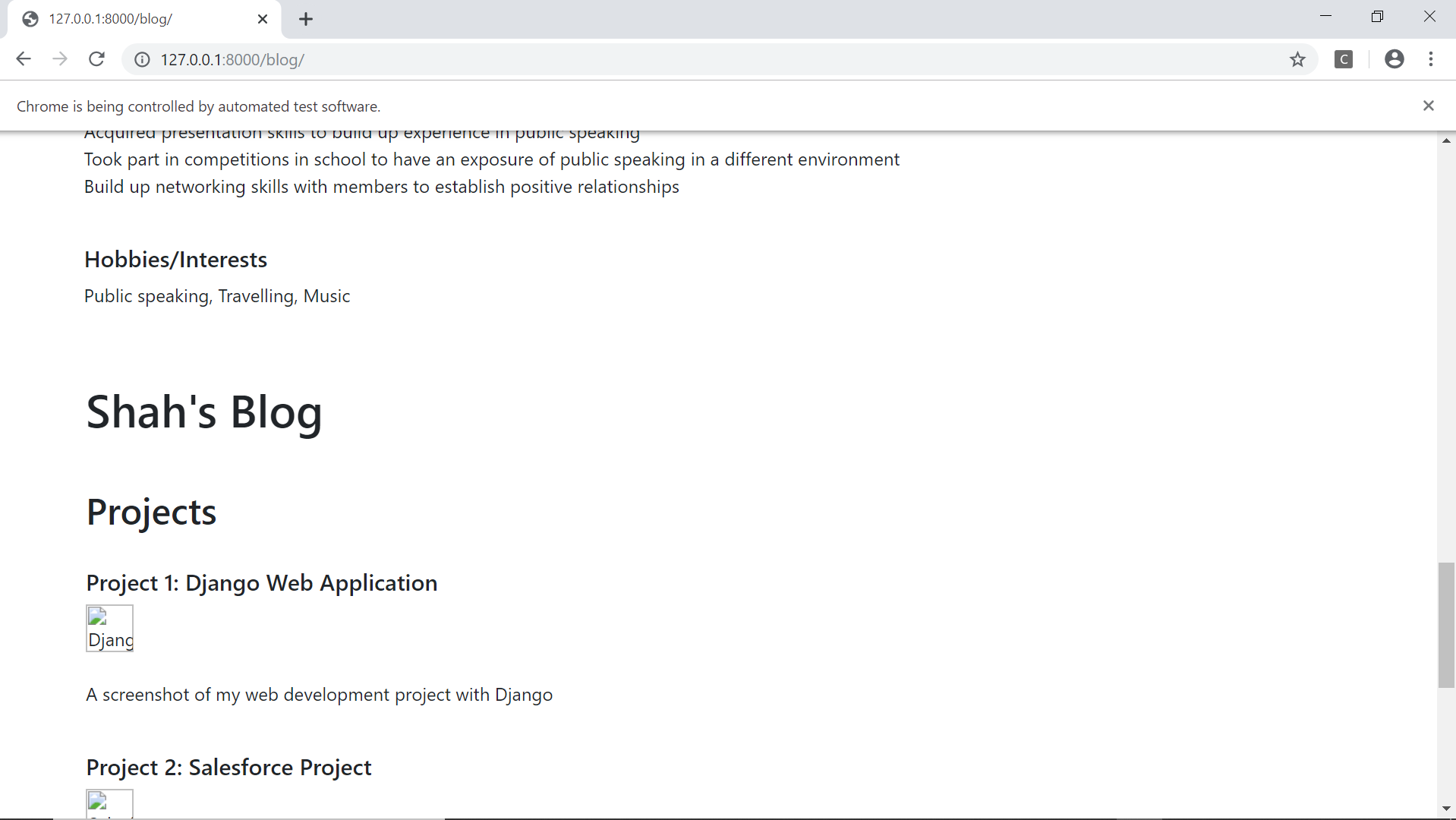
Test case 2.0: Homepage view



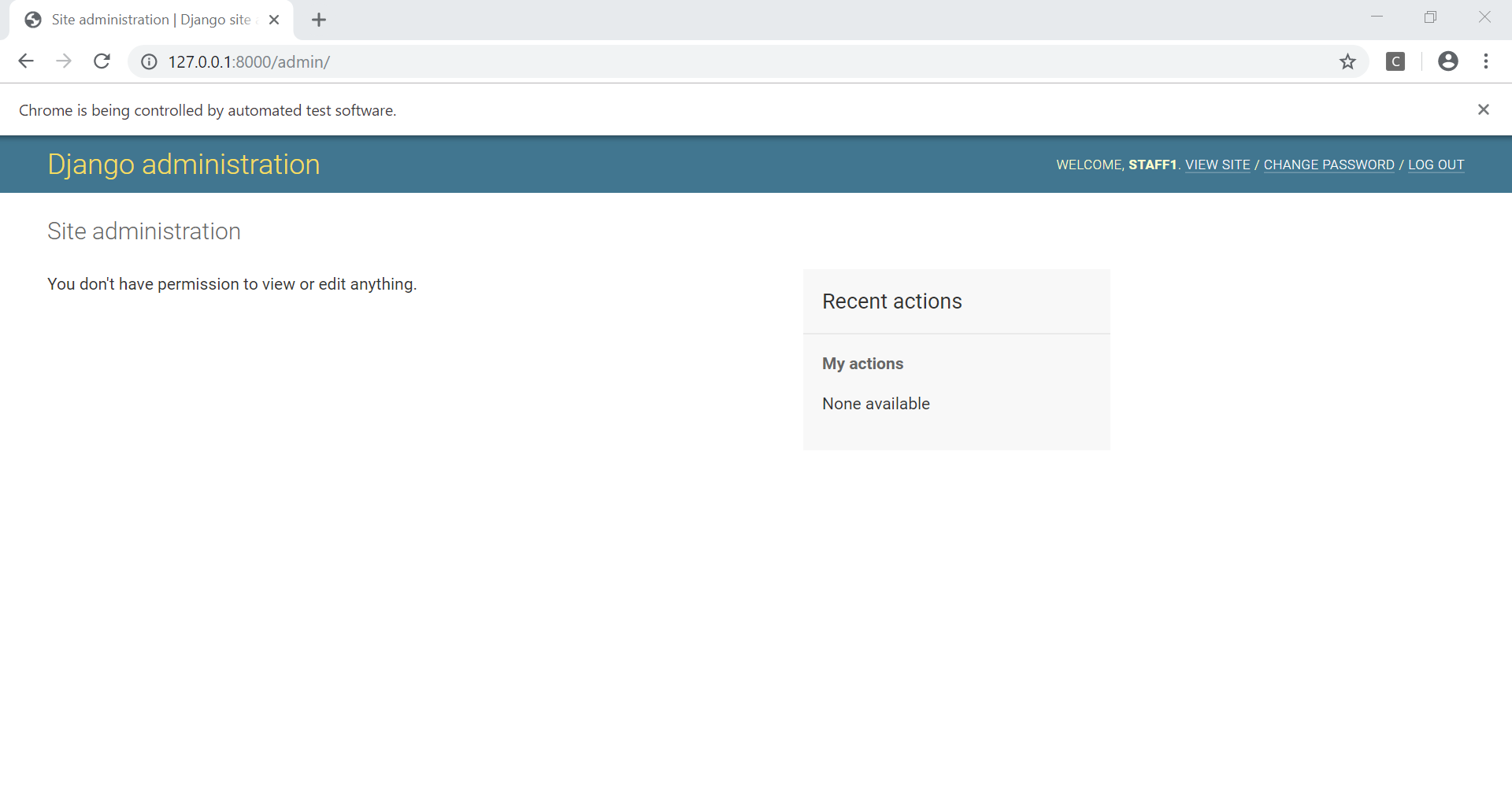
Test case 3.0: Blog view



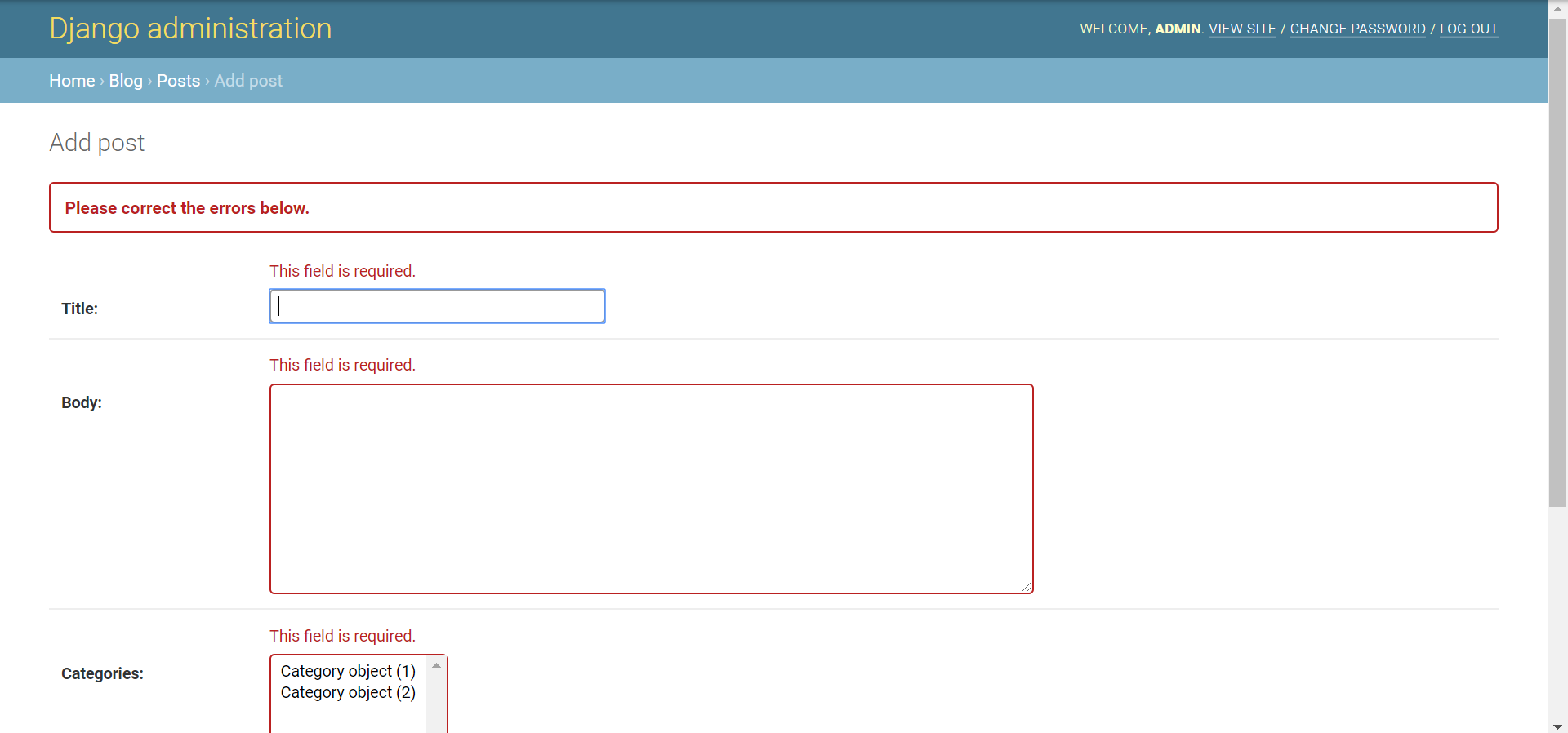
Test case 4.0: View project description

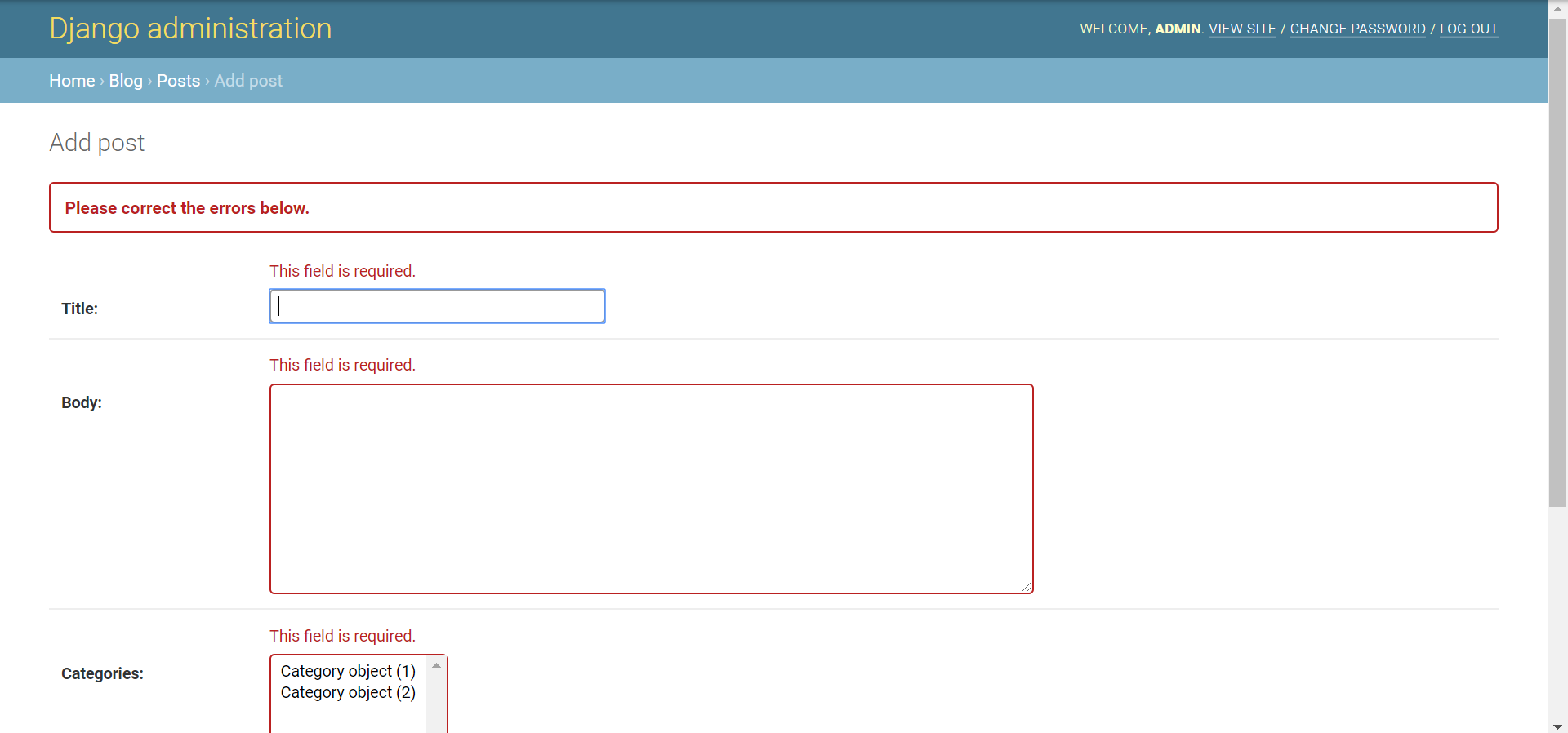


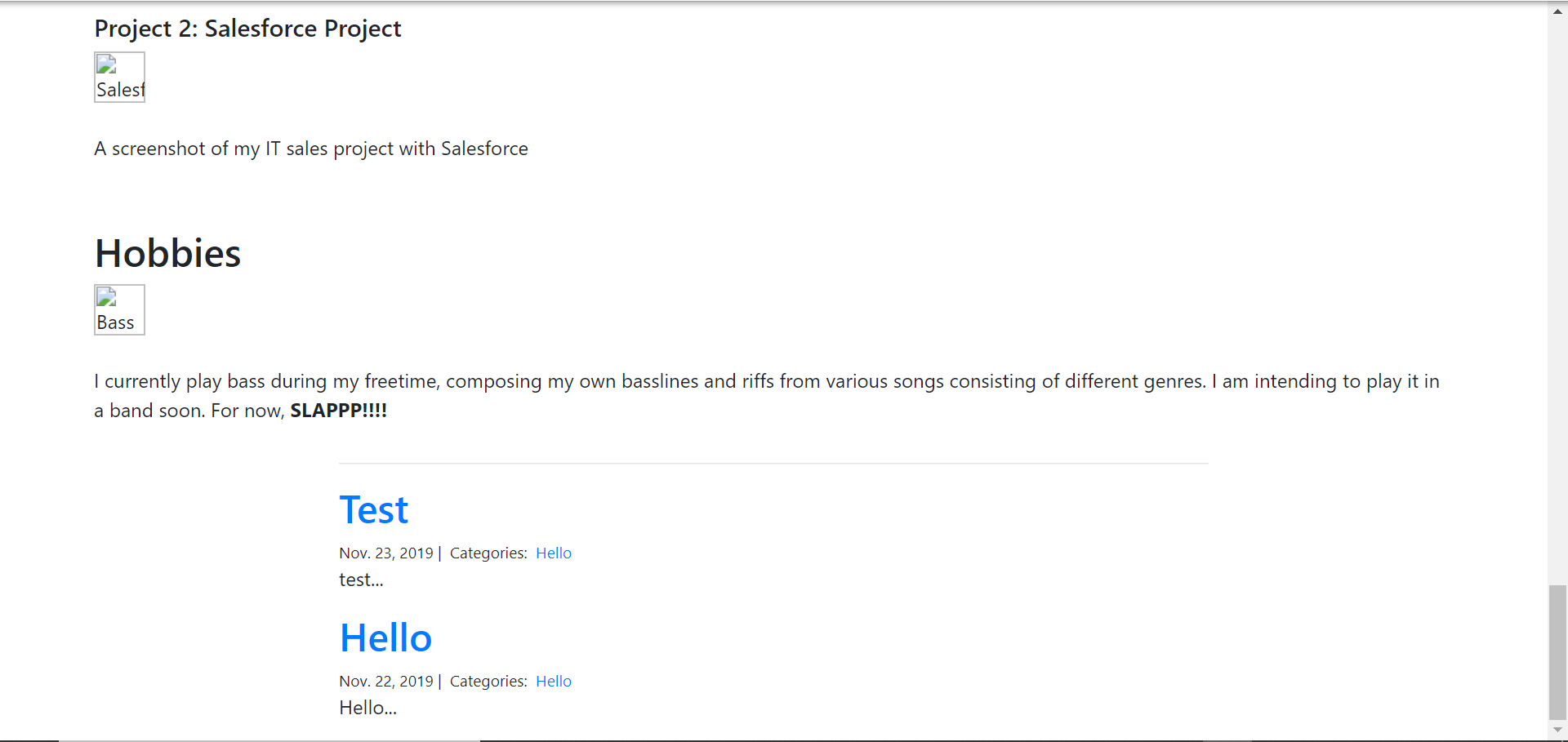
Test case 5.0: Post blog as staff



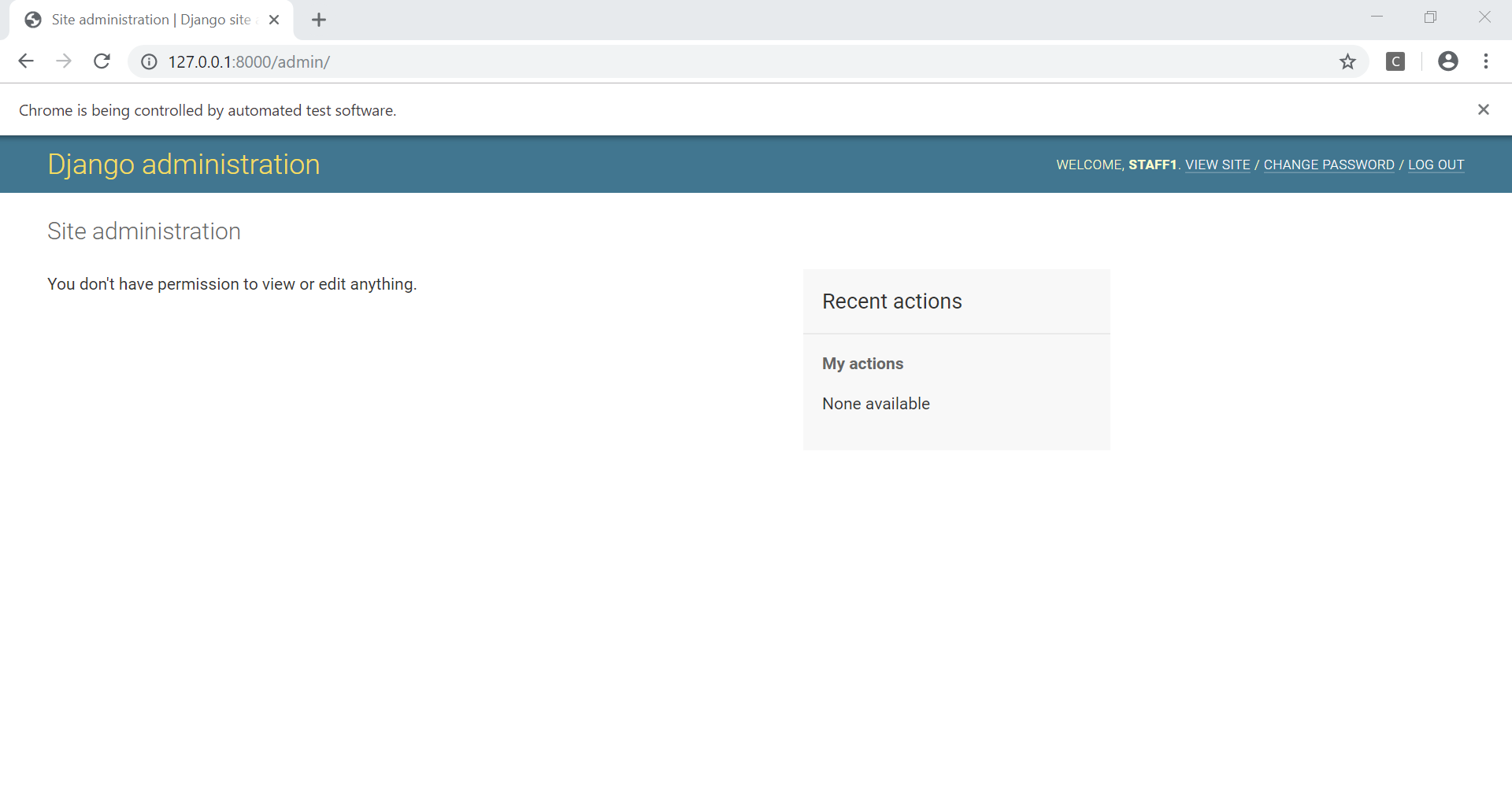
Test case 5.1; Post blog as admin



Test case 5.2: Admin input blank in post

Test case 5.3: Admin post Test post

Test case 6.0: List users registered as staff



Test case 6.1: List users registered as admin

