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| **Project:** ToDo |  |
| **Course:** CSD380 DevOps |  |
| **Description:** ToDo is a business application for monitoring task items |  |
| **Date:** 2024/11/16 |  |

To complete the test case plan, fill out the information for Project, Course, Description, and Date in the header below.

**TABLE OF CONTENTS**

[**Create a New ToDo Task Item** 2](#_Toc182651241)

[**Users can access a webpage on a variety of devices.** 4](#_Toc182651242)

[**Invalid URL custom 404 error page** 6](#_Toc182651243)

[**Prevent Users from Submitting Empty Task** 7](#_Toc182651244)

[**Prevent Users from Submitting an Empty Edit Form** 8](#_Toc182651245)

For each test, the developer should provide a test description, a test objective, the developer name, and the date tested. For each step, fill out the actions to be taken, describe the expected results, and indicate yes or no for each step, depending upon the result. The peer tester should provide their name, date tested, indicate yes or no for each step depending upon the result, and a screenshot (thumbnail) of the result.

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| Test 1 | **Create a New ToDo Task Item** | | | |
|  | **Test Objective:** The user can create a new task | **Developer:**  **Date tested:** 2024/11/16 | **Peer tester: Emmanuel Diaz**  **Date tested:** 2024/11/17 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail**  **+ Screenshot** |
| 1 | Click on the Task field on the Task Form | The cursor appears ready for input | yes | Yes |
| 2 | Type “Lunch meeting with customer” | The string field is populated | yes | Yes |
| 3 | Click Add Task | The task is added to the ToDo list | yes | Yes |
| **Comments** | All tests for this step worked accordingly. Tasks can be successfully created and added with no problems. | | | |

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| Test 2 | **Users can access a webpage on a variety of devices.** | | | |
|  | **Test Objective: Verify user view for mobile devices, tablets, and standard PC** | **Developer:**  **Date tested:** 2024/11/16 | **Peer tester: Emmanuel Diaz**  **Date tested:**2024/11/17 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Open the webpage on a mobile device to <https://buwebdev.github.io/todo/> | The page opens with all components able to fit | yes | Yes A screenshot of a phone  Description automatically generated |
| 2 | Open the webpage on a tablet device to <https://buwebdev.github.io/todo/> | The page opens with all components able to fit | yes | Yes A screenshot of a task form  Description automatically generated |
| 3 | Open the webpage on a PC to <https://buwebdev.github.io/todo/> | The page opens with all components able to fit | yes | Yes |
| **Comments** | Application successfully works on different devices seamlessly. Ipad, Iphone and Computer were all tested accordingly to ensure proper load of page. | | | |

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| Test 3 | **Invalid URL custom 404 error page** | | | |
|  | **Test Objective: if an invalid URL page is entered within the** [**https://buwebdev.github.io**](https://buwebdev.github.io) **domain, generate a custom 404 page** | **Developer:**  **Date tested:** 2024/11/16 | **Peer tester: Emmanuel Diaz**  **Date tested:** 2024/11/17 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Open webpage at <https://buwebdev.github.io/todo/> | ToDo webapp opens | yes | Yes |
| 2 | Add hello to end of URL - <https://buwebdev.github.io/todo/hello> | The user is redirected to [https://buwebdev.github.io/todo/not-found.](https://buwebdev.github.io/todo/not-found) | yes | Yes |
| **Comments** | Invalid URL redirects to personalized error page. | | | |

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| Test 4 | **Prevent Users from Submitting Empty Task** | | | |
|  | **Test Objective: Users cannot click Add Task on Task Form while the Task field is empty** | **Developer:**  **Date tested:** 2024/11/16 | **Peer tester: Emmanuel Diaz**  **Date tested:** 2024/11/17 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Open webpage at <https://buwebdev.github.io/todo/> | ToDo webapp opens | yes | Yes |
| 2 | Click on Task Field; do not type anything | The cursor appears in the Task Field | yes | Yes |
| 3 | Click the Add Task Button | The form is reset; nothing is added | yes | Yes |
| **Comments** | Add task button does not highlight if nothing is typed in. Therefore “firewall” is up to prevent saved empty entries. | | | |

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| Test 5 | **Prevent Users from Submitting an Empty Edit Form** | | | |
|  | **Test Objective: Users cannot save Edit Form while the Task field is empty** | **Developer:**  **Date tested:** 2024/11/16 | **Peer tester: Emmanuel Diaz**  **Date tested:** 2024/11/17 | |
| **Step** | **Action** | **Expected results:** | **Developer pass/fail** | **Tester pass/fail** |
| 1 | Open webpage at <https://buwebdev.github.io/todo/> | The ToDo web app opens | yes | Yes |
| 2 | Click the pencil icon next to an existing task | Edit Form Pops Up | yes | Yes |
| 3 | Delete Task content, and click the save button | Edit Form closes without changing Item. | no | No |
| **Comments** | Saving without content deletes the task description, not the task itself. System should not allow to save without description to avoid extra tasks. | | | |