**Test Scenario Group: Menu**

**Test Case ID: Menu-1A (test\_game\_menu1A)**

**Test Case Description: View menu page**

**Prerequisite:** N.A.

**Post-requisite:** N.A.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S/NO** | **Action(s)** | **Input** | **Expected Output** | **Actual Output** | **Test Result** |
| 1 | Launch code | Nil | Code runs and display menu | Menu is displayed | Passed |

**Test Scenario Group: Menu**

**Test Case ID: Menu -1B (test\_game\_menu1B)**

**Test Case Description: Test valid inputs**

**Prerequisite:** N.A.

**Post-requisite:** N.A.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S/NO** | **Action(s)** | **Input** | **Expected Output** | **Actual Output** | **Test Result** |
| 1 | User inputs 1 | Choice == 1 | Prompts for csv file | Csv file prompted | Passed. |
| 2 | User inputs 2 after loading csv file via input 1 | Choice  Choice == 2 | Display loaded csv file | Csv filed displayed | Passed. |
| 3 | User inputs 3 after loading csv file via input 1 | Choice == 3 | Display loaded maze csv file and prompts for movement input | Csv maze file displayed and showed with a prompt for movement | Passed. |
| 4 | User inputs 4 | Choice == 4 | Display maze csv file and displays options for configuration | Not implemented | Failed |
| 5 | User inputs 0 | Choice == 0 | Exits code | Code is exited | Passed. |

**Test Scenario Group: Menu**

**Test Case ID: Menu-1C (test\_game\_menu1C)**

**Test Case Description: Input invalid options**

**Prerequisite:** N.A.

**Post-requisite:** N.A.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S/NO** | **Action(s)** | **Input** | **Expected Output** | **Actual Output** | **Test Result** |
| 1 | User inputs 69 | Choice == 69 | Prompts user to try again | Input is denied and user is prompted to try again with a valid input | Passed |
| 2 | User inputs 2 or 3 before 1 | Choice == 3 | Code displays that ‘File is not found’ | System displays ‘File is not found, please load a csv file’ | Passed. |

# **Test Scenario Group: Play maze**

## **Test Case ID: Play maze-1A (play\_maze(g)1A)**

**Test Case Description:** Play maze with valid inputs

**Prerequisite:** N.A.

**Post-requisite:** N.A.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S/NO** | **Action(s)** | **Input** | **Expected Output** | **Actual Output** | **Test Result** |
| 1 | User input W | Movement = ‘W’ | Code moves the A up and redisplays the maze | A is moved up and maze is redisplayed with the movement input | Passed |
| 2 | User input A | Movement = ‘A’ | Code moves the A to the left and redisplays the maze | A is moved to the left and maze is redisplayed with the movement input | Passed |
| 3 | User input S | Movement = ‘S’ | Code moves the A down and redisplays the maze | A is moved down and the maze is redisplayed with the movement input | Passed |
| 4 | User input D | Movement = ‘D’ | Code moves the A to the right and redisplays the maze | A is moved to the right and maze is redisplayed with the movement input | Passed |
| 5 | User inputs S to complete the maze | Movement = ‘S’ | Code moves the A to the final end point and displays a congratz message | Maze is completed and a congratulations message is displayed and user is returned back to menu | Passed |

**Test Scenario Group: Play maze**

## **Test Case ID: Play maze-1B (play\_maze(g)1B)**

**Test Case Description:** play maze with invalid inputs

**Prerequisite:** N.A.

**Post-requisite:** N.A.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S/NO** | **Action(s)** | **Input** | **Expected Output** | **Actual Output** | **Test Result** |
| 1 | User moves when wall is next to him | Movement == ‘D’ | System displays invalid move try again | Invalid move message displayed and movement input is presented again | Passed |
| 2 | User inputs wrong movement input | Movement == ‘69’ | System displays invalid move try again | Invalid move message displayed and movement input is presented again | Passed |

**Test Scenario Group: Play maze**

## **Test Case ID: Play maze-1C (play\_maze(g)1C)**

**Test Case Description:** User tries to load completed maze

**Prerequisite:** N.A.

**Post-requisite:** N.A.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S/NO** | **Action(s)** | **Input** | **Expected Output** | **Actual Output** | **Test Result** |
| 1 | User inputs 3 with completed csv loaded | Choice == 3 | System displays message that maze is completed | Maze is completed message is displayed and returns user to menu | Passed |

**Test Scenario Group: Login**

## **Test Case ID: Login-1D (test\_login1D)**

**Test Case Description:** Login with correct username and password

**Prerequisite:** User have registered username

**Post-requisite:** User able to login to the website

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S/NO** | **Action(s)** | **Input** | **Expected Output** | **Actual Output** | **Test Result** |
| 1 | Launch login page | Url: “<http://localhost:8000/accounts/login/>” | System display login page | System displays login page  Webpage displays the Username and Password textbox fields | Passed |
| 2 | User login with correct username and  Password | Username: “kazooie20”  Pass: “12345678” | Username and password shown in fields | Username and password shown in fields |  |
| 3 | User login with credentials provided | Press login button | User should be able to login | Login successful | Passed |

# **Test Scenario Group: Add-Item**

## **Test Case ID: Add-Item 1A (test\_additem\_1A)**

**Test Case Description:** Add blank inputs in To-Do page

**Prerequisite:** N.A.

**Post-requisite:** N.A.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S/NO** | **Action(s)** | **Input** | **Expected Output** | **Actual Output** | **Test Result** |
| 1 | Navigate Add/Delete To-Do page | Url: “<http://localhost:8000/todo/>” | System display Add/Delete To-Do page | System displays the To Do Page | Passed |
| 2 | Input blank inputs | Description: ““  Category:””  Due Date:”” | System show blank inputs in the fields |  |  |
| 3 | User adds item to page with blank details | User clicks add item button | System unable to add item due to blank input | System does not add item | Pass |

**Test Scenario Group: Add-Item**

## **Test Case ID: Add-Item 1B (test\_additem\_1B)**

**Test Case Description:** Add item with inputs filled in To-Do page

**Prerequisite:** N.A.

**Post-requisite:** N.A.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S/NO** | **Action(s)** | **Input** | **Expected Output** | **Actual Output** | **Test Result** |
| 1 | Navigate Add/Delete To-Do page | Url: ““http://localhost:8000/todo/” | System display Add/Delete To-Do page | System displays the To Do Page | Passed |
| 2 | User input todo item in the text field | Textfield: “Testing 5” | “Testing 5” 5.10 P.M. | “Testing 5” 5.10 P.M. | Pass |
| 3 | User adds the todo item | User clicks “Add Item” button | System adds item in To-Do page | Todo item is added to the list | Pass |
| 4 | User checks item added earlier | Url: “http://localhost:8000/todo” | System displays added item | System displays items added | Pass |

# **Test Scenario Group: View-Item**

## **Test Case ID: View-Item 1A (test\_viewitem\_1A)**

**Test Case Description: Unregistered user view Todo Page**

**Prerequisite:** N.A.

**Post-requisite:** N.A.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S/NO** | **Action(s)** | **Input** | **Expected Output** | **Actual Output** | **Test Result** |
| 1 | Go to Todo page | Url: “localhost:8000/todo” | System display login page due to unregistered user. | System display login page | Passed |

# **Test Scenario Group: View-Item**

## **Test Case ID: View-Item 1B (test\_viewitem\_1B)**

**Test Case Description:** User view items with no item added in To-Do page

**Prerequisite:** Have a registered username

**Post-requisite:** Able to view To-Do page

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S/NO** | **Action(s)** | **Input** | **Expected Output** | **Actual Output** | **Test Result** |
| 1 | Go to login page | Url: “http://localhost:8000/accounts/login/” | System display login page | System displays login page  Webpage displays the Username and Password textbox fields | Passed |
| 2 | User enters registered username and password | Username: “Reynaldi”  Password: “123456789” | System display credentials entered | System display credentials entered | Passed |
| 3 | User logins with credentials provided | User presses login button | System display To-Do page  With no To-Do items shown | System displays To-Do page with some To-Do items | Passed |

**Test Scenario Group: View-Item**

## **Test Case ID: View-Item 1C (test\_viewitem\_1C)**

**Test Case Description:** User view items with items added in To-Do page

**Prerequisite:** Have a registered username and items added

**Post-requisite:** Able to view To-Do page with items added

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S/NO** | **Action(s)** | **Input** | **Expected Output** | **Actual Output** | **Test Result** |
| 1 | Go to login page | Url: “http://localhost:8000/accounts/login/” | System display login page | System displays login page  Webpage displays the Username and Password textbox fields | Passed |
| 2 | User enters registered username and password | Username: “superuser”  Password: “superuser123” | System display credentials in fields | System display credentials in fields |  |
| 3 | User login with credentials provided | User presses login button | System display To-Do page  with To-Do  Items shown | System display the To-Do Items in the To-do Page | Passed |

# **Test Scenario Group: Delete-Item**

## **Test Case ID: Delete-Item 1A (test\_deleteitem\_1A)**

**Test Case Description:** User delete items without item selection in To-Do page

**Prerequisite:** Items added in To-Do page

**Post-requisite:** Items added shown in To-Do page

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S/NO** | **Action(s)** | **Input** | **Expected Output** | **Actual Output** | **Test Result** |
| 1 | Go to To-Do page | Url: “<http://localhost:8000/todo/>” | System display To-Do page | System displays the To Do Page | Passed |
| 2 | User presses delete button without item selection | User press delete button | System prompt to select item for deletion | System prompt to select item for deletion | Passed |

**Test Scenario Group: Delete-Item**

## **Test Case ID: Delete-Item 1B (test\_deleteitem\_1B)**

**Test Case Description:** User delete items with item selection in To-Do page

**Prerequisite:** Items added in To-Do page

**Post-requisite:** Items added shown in To-Do page

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S/NO** | **Action(s)** | **Input** | **Expected Output** | **Actual Output** | **Test Result** |
| 1 | Go to To-Do page | Url: “<http://localhost:8000/todo/>” | System display To-Do page | System displays the To Do Page | Passed |
| 2 | User selects item selection | User selects item to be deleted | Tick is shown beside the selected item | No tick was shown however the item is deleted from the list, item has been selected | Passed |
| 3 | User deletes the item | User clicks the delete button | System displays message that the item has been deleted | The item is deleted.  System message “Item is deleted” was shown with the deletion of the item | Passed |
| 4 | User checks that item is deleted | Url: “http://localhost:8000/todo/” | System do not display item deleted in To-Do page | System does not show the deleted item | Passed |

# **Test Scenario Group: Archive-Item**

## **Test Case ID: Archive-Item 1A (test\_archiveitem\_1A)**

**Test Case Description:** User archives items with item selection in To-Do page

**Prerequisite:** Items added in To-Do page

**Post-requisite:** Items added shown in History of all To-Do page

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S/NO** | **Action(s)** | **Input** | **Expected Output** | **Actual Output** | **Test Result** |
| 1 | Go to To-Do page | Url: “<http://localhost:8000/todo/>” | System display To-Do page | System displays the To Do Page | Passed |
| 2 | User archives the item selected | User to click on the “archive” button | To show a message that item has been archived and item is no longer shown in the list | Not able to test as the archive feature has not been implemented | Fail |

# 

# **Test Scenario Group: History-Item Page**

## **Test Case ID: History-Item 1A (test\_historyitem\_1A)**

**Test Case Description:** User is able to see the history of all To Do Items

**Prerequisite:** Items added in archived of To Do

**Post-requisite:** Items added shown in History of all To-Do page

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **S/NO** | **Action(s)** | **Input** | **Expected Output** | **Actual Output** | **Test Result** |
| 1 | Go to To-Do page | Url: “<http://localhost:8000/todo/>” | System display To-Do page | System displays the To Do Page | Passed |
| 2 | User selects history tab | User clicks on the history tab | History page with all of the created/archived/deleted items are shown | History page displays the created/deleted items | Passed |

# 

# **Reference**

Emmanuel, O. T. (2018, April 18). How to Build A Todo App With Django

Retrieved from <https://medium.com/fbdevclagos/how-to-build-a-todo-app-with-django-17afdc4a8f8c>