­­­

|  |  |
| --- | --- |
| [CM-1] UI: Page Links | |
| **Status:** | New |
| **Type:** | Bug |
| **Project:** | CameraMatics |
| **Components:** | Calculator |
| **Affects versions:** | Master |
| **Fix versions:** |  |
| **Reporter:** | Lakshman |
| **Resolution:** | Unresolved |
| **Labels:** | UI |
| **Priority:** | **P2** |
| **Sprint:** | Sprint 52 |
| **Dev Team:** | ui\_dev |
| **Epic Link:** | Epic Link from Test Plan |
| **Solution Design:** | Solution Deign from test Plan |
| **Test Environment:** |  |
| **Test Url:** | https://cameramatics.pythonanywhere.com/ |
| **Test Branch:** |  |
| **Impact of Doing Nothing:** | Application is not fully functional to use and not ready for release version |
| **Automation Covered (CI/CD):** | Yes/No |
| **Bug Found:** | Manual |
| **Description:** | QA performing executing functional test on calculator module for factorial of a number  Math: factorial of a number (n) = n \* (n-1) \* (n-2)…….1. Factorial of a number is only calculated on non-integer number(s)  **Steps to reproduce:**  Scenario Outline: verify the links are working as expected  Given UI: I am on factorial calculator page  And UI: Click on link <Test data>  Then UI: Verify the navigated page url    Examples:   |  |  |  | | --- | --- | --- | | Test data | Expected | Actual | | Click Terms and Conditions | navigate to /terms | navigates to privacy page | | Click Privacy | Navigate to /privacy | Navigates to terms page | | Click CameraMatics | 1. Verify Link Text 2. navigate to home url | 1. Text is missing text/ typo 2. Link is missing text/ typo |   Graphical user interface, text, application  Description automatically generated |

|  |  |
| --- | --- |
| [CM-2] UI: Page Content | |
| **Status:** | New |
| **Type:** | Task |
| **Project:** | CameraMatics |
| **Components:** | Calculator |
| **Affects versions:** |  |
| **Fix versions:** |  |
| **Reporter:** | Lakshman |
| **Resolution:** | Unresolved |
| **Labels:** | UI |
| **Priority:** | **P4** |
| **Sprint:** | Sprint 52 |
| **Dev Team:** | ui\_dev |
| **Epic Link:** | Epic Link from Test Plan |
| **Solution Design:** | Solution Deign from test Plan |
| **Test Environment:** |  |
| **Test Url:** | https://cameramatics.pythonanywhere.com/ |
| **Test Branch:** |  |
| **Impact of Doing Nothing:** | Application is not fully functional to use and not ready for release version |
| **Automation Covered (CI/CD):** | Yes/No |
| **Bug Found:** | Manual |
| **Description:** | Content on application page needs few cosmetic changes and minor fixe(s)  **Steps to reproduce:**  **---------------------------------------------------------------------------------------------------------------------------------------------------------**  @uitest  Scenario: Verify the page title  Given UI: I am on factorial calculator page  Then UI: page title is "Factorial"  Expected: Factorial  Actual: Factoriall (typo, extra letter ‘l’)  Attached Screenshot  ---------------------------------------------------------------------------------------------------------------------------------------------------------  @uitest  Scenario: Verify the content  Given UI: I am on factorial calculator page  Then UI: copyright content has correct spacing  Expected: correct spacing within content throughout the page is consistent  Actual: spacing missing copyright content (CamerMatics2021-2021)  Attached screenshot  ---------------------------------------------------------------------------------------------------------------------------------------------------------  @uitest  Scenario: Verify the copyright year  Given UI: I am on factorial calculator page  Then UI: copyright is displayed with <correct year format>  Expected: based on format specified in spec  Actual: 2021-2021, format looks in-correct  Attached screenshot |
|  | Graphical user interface, text, application, email  Description automatically generated |

|  |  |
| --- | --- |
| [CM-3] UI: Error message | |
| **Status:** | New |
| **Type:** | Bug |
| **Project:** | CameraMatics |
| **Components:** | Calculator |
| **Affects versions:** |  |
| **Fix versions:** |  |
| **Reporter:** | Lakshman |
| **Resolution:** | Unresolved |
| **Labels:** | UI |
| **Priority:** | **P1** |
| **Sprint:** | Sprint 52 |
| **Dev Team:** | ui\_dev |
| **Epic Link:** | Epic Link from Test Plan |
| **Solution Design:** | Solution Deign from test Plan |
| **Test Environment:** |  |
| **Test Url:** | https://cameramatics.pythonanywhere.com/ |
| **Test Branch:** |  |
| **Impact of Doing Nothing:** | Application is not fully functional to use and not ready for release version |
| **Automation Covered (CI/CD):** | Yes/No |
| **Bug Found:** | Manual |
| **Description:** | There are few instances, error message is not displayed, when the user calculates the factorial for wrong input, application is non-responsive  Factorial of a number is calculated only for non-integer number  -----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------  Scenario Outline: Factorial of a floating positive number  Given UI: I am on factorial calculator page  And UI: Input an decimal number with fractional part is all zeros  Then UI: Verify the warning message is “Please enter an integer”  Examples:  | **value** |  | **10.0** |  | **4.0000** |  | **+1.00** |  Scenario Outline: Factorial of a decimal or floating negative number  Given UI: I am on factorial calculator page  And UI: Input an decimal number with fractional part is all zeros  Then UI: Verify the warning message is “Please enter an integer”  Examples:  | **value** |  | any value between -1.0 to -infinity with fractional part is all zeros|  Scenario Outline: Factorial of a negative whole number  Given UI: I am on factorial calculator page  And UI: Input an whole negative number  Then UI: Verify the warning message is “Please enter an integer”  Examples:  | **value** |  | between -**1 and -infinity whole number**|  Scenario Outline: Factorial of a edge case number(s)  Given UI: I am on factorial calculator page  And UI: Input an whole number  Then UI: Verify the result is <Expected>  Examples:  | **value** | Expected | Actual |  | >170 and < 989 | calculated factorial value | Infinity |  | >=989 | Infinity | no response, 500 error |    Expected: warming message should displayed “Please enter an integer”  Actual: no error message on UI given, throws 500 error in backend  Request URL: https://cameramatics.pythonanywhere.com/factorial  Request Method: POST  Status Code: 500 INTERNAL SERVER ERROR  Remote Address: x.x.x.x  Referrer Policy: strict-origin-when-cross-origin  Graphical user interface, application  Description automatically generated  Graphical user interface, application  Description automatically generated |
|  |  |

|  |  |
| --- | --- |
| [CM-4] UI : Acessibility Bugs | |
| **Status:** | New |
| **Type:** | Bug |
| **Project:** | CameraMatics |
| **Components:** | Calculator |
| **Affects versions:** |  |
| **Fix versions:** |  |
| **Reporter:** | Lakshman |
| **Resolution:** | Unresolved |
| **Labels:** | UI |
| **Priority:** | **P3** |
| **Sprint:** | Sprint 52 |
| **Dev Team:** | ui\_dev |
| **Epic Link:** | Epic Link from Test Plan |
| **Solution Design:** | Solution Deign from test Plan |
| **Test Environment:** |  |
| **Test Url:** | https://cameramatics.pythonanywhere.com/ |
| **Test Branch:** |  |
| **Impact of Doing Nothing:** | Application is not fully functional to use and not ready for release version |
| **Automation Covered (CI/CD):** | Yes/No |
| **Bug Found:** | Manual |
| **Description:** | Scenario Outline: keystroke ENTER to run calculation  Given UI: I am on factorial calculator page  And UI: Input a whole number  And UI: press keystroke “ENTER”  Then UI: perform same action when click “Calculate” button  Examples:  | **value** | Expected | Actual |  | 3 | same action when click “Calculate” button | no action | |

|  |  |
| --- | --- |
| [CM-5] QA Observations | |
| **Status:** | New |
| **Type:** | Task |
| **Project:** | CameraMatics |
| **Components:** | Calculator |
| **Affects versions:** |  |
| **Fix versions:** |  |
| **Reporter:** | Lakshman |
| **Resolution:** | Unresolved |
| **Labels:** | UI |
| **Priority:** | **P3** |
| **Sprint:** | Sprint 52 |
| **Dev Team:** | ui\_dev |
| **Epic Link:** | Epic Link from Test Plan |
| **Solution Design:** | Solution Deign from test Plan |
| **Test Environment:** |  |
| **Test Url:** | https://cameramatics.pythonanywhere.com/ |
| **Test Branch:** |  |
| **Impact of Doing Nothing:** | Application is not fully functional to use and not ready for release version |
| **Automation Covered (CI/CD):** | Yes/No |
| **Bug Found:** | Manual |
| **Description:** | QA observations:   1. Result is printed in browser console, seems the application deployed in debug mode 2. Header ‘The greatest factorial calculator’ can be simple descriptive 3. provide user to display factorial formula on the page 4. Ease of accessibility by providing a calculator form, where user can input with button click rather than keyboard 5. Font and Colour for page content should be consistent as per spec 6. **User should be restricted to input only whole number (base on the basic factorial function)** |