# Test suite for testing Functions #1.Display results of calculations

**Credentials**:login/pass

# Test cases example #1

|  |  |  |  |
| --- | --- | --- | --- |
| **Title:** | Сalculation of input data (with value “0”) | | |
| **Function:** | Calculation result | | |
| **Action** | | **Expected result** | **Test result:**   * pass * fail * blocked |
| Introduction: | |  | |
| login on the site xxx | | The soft.farm website is open and accessible |  |
| Open the page [x](https://www.soft.farm/uk/crop/track-calculation)xx | | The page is opened |  |
|  | |  |  |
| Steps of the test: | |  | |
| Fill in the calculation form:  1.Choose value 1/1 from select “Ділянка”  2.Fill the input “Ширина причепа” with data "0"  3.Fill the input “Споживання матеріалів” with data "0"  4.Fill the input “Об’єм бункера” with data “0” | | 4.Errors should be displayed n the all fields before the form is submitted |  |
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# Test cases example #2

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| --- | --- | --- | --- |
| **Title:** | Сalculation of input data (with value “1”,select.form.control “л”) | | |
| **Function:** | Calculation result | | |
| **Action** | | **Expected result** | **Test result:**   * pass * fail * blocked |
| Introduction: | |  | |
| login on the site xxx | | The soft.farm website is open and accessible |  |
| Open the page [x](https://www.soft.farm/uk/crop/track-calculation)xx | | The page is opened |  |
|  | |  |  |
| Steps of the test: | |  | |
| Fill in the calculation form:  1.Choose value 1/1 from select “Ділянка”  2.Fill the input “Ширина причепа” with data "1"  3.Fill the input “Споживання матеріалів” with data "1"  4.Fill the input “Об’єм бункера” with data 1  5.select.form.control without changes  “л”  6.Click the button “Розрахувати” | | 6.Displayed result of calculating data on UI |  |
| 7.Click the button “Зберегти” | | 7.Result displayed on result list |  |
|  | |  |  |
| Postcondition: | |  | |
| 1.Click the icon: “Показати” on the last result | | 1.The last result is displayed with information about calculation result |  |
| 2.Click the icon: “Завантажити kml” on the last result | | 2.The kml file is downloaded to the local machine |  |
| 3.Click the icon: “Завантажити pdf” on the last result | | 3.The pdf file is downloaded to the local machine |  |
| 4.Click the icon: “В архів” on the last result | | 4.The File is placed in an archive |  |

# Test cases example #3

|  |  |  |  |
| --- | --- | --- | --- |
| **Title:** | Сalculation of input data (with value “2”,select.form.control “кг”) | | |
| **Function:** | Calculation result | | |
| **Action** | | **Expected result** | **Test result:**   * pass * fail * blocked |
| Introduction: | |  | |
| login on the site [x](https://www.soft.farm/uk)xx | | The soft.farm website is open and accessible |  |
| Open the page [x](https://www.soft.farm/uk/crop/track-calculation)xx | | The page is opened |  |
|  | |  |  |
| Steps of the test: | |  | |
| Fill in the calculation form:  1.Choose value 1/1 from select “Ділянка”  2.Fill the input “Ширина причепа” with data "2"  3.Fill the input “Споживання матеріалів” with data "2"  4.Fill the input “Об’єм бункера” with data 2  5.select.form.control without changes  “кг”  6.Click the button “Розрахувати” | | 6.Displayed the result of calculating data on UI |  |
| 7.Click the button “Зберегти” | | 7.The result displayed on the result list |  |
|  | |  |  |
| Postcondition: | |  | |
| 1.Click the icon: “Показати” on the last result | | 1.The last result is displayed with information about calculation result |  |
| 2.Click the icon: “Завантажити kml” on the last result | | 2.The kml file is downloaded to the local machine |  |
| 3.Click the icon: “Завантажити pdf” on the last result | | 3.The pdf file is downloaded to the local machine |  |
| 4.Click the icon: “В архів” on the last result | | 4.The File is placed in an archive |  |

# Test cases example #4

|  |  |  |  |
| --- | --- | --- | --- |
| **Title:** | Сalculation the of input data (with value “49”,"9998","9998",select.form.control “л”) | | |
| **Function:** | Calculation result | | |
| **Action** | | **Expected result** | **Test result:**   * pass * fail * blocked |
| Introduction: | |  | |
| login on the site [x](https://www.soft.farm/uk)xx | | The soft.farm website is open and accessible |  |
| Open the page [x](https://www.soft.farm/uk/crop/track-calculation)xx | | The page is opened |  |
|  | |  |  |
| Steps of the test: | |  | |
| Fill in the calculation form:  1.Choose value 1 field/1field from select “Ділянка”  2.Fill the input “Ширина причепа” with data "49"  3.Fill the input “Споживання матеріалів” with data "9998"  4.Fill the input “Об’єм бункера” with data “9998”  5.select.form.control without changes  “л”  6.Click the button “Розрахувати” | | 6.Displayed the result of calculating data on UI |  |
| 7.Click the button “Зберегти” | | 7.The result displayed on the result list |  |
|  | |  |  |
| Postcondition: | |  | |
| 1.Click the icon: “Показати” on the last result | | 1.Last result is displayed with information about calculation result |  |
| 2.Click the icon: “Завантажити kml” on the last result | | 2.kml file is downloaded to the local machine |  |
| 3.Click the icon: “Завантажити pdf” on the last result | | 3.pdf file is downloaded to the local machine |  |
| 4.Click the icon: “В архів” on the last result | | 4.File is placed in an archive |  |

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# Test cases example #5

|  |  |  |  |
| --- | --- | --- | --- |
| **Title:** | Сalculation of input data(with value “50”,"9999","9999",,select.form.control “кг” ) | | |
| **Function:** | Calculation result | | |
| **Action** | | **Expected result** | **Test result:**   * pass * fail * blocked |
| Introduction: | |  | |
| login on the site [x](https://www.soft.farm/uk)xx | | The soft.farm website is open and accessible |  |
| Open the page [x](https://www.soft.farm/uk/crop/track-calculation)xx | | The page is opened |  |
|  | |  |  |
| Steps of the test: | |  | |
| Fill in the calculation form:  1.Choose value 1 field/1field  “Ділянка”  2.Fill the input “Ширина причепа” with data "50"  3.Fill the input “Споживання матеріалів” with data "9999"  4.Fill the input “Об’єм бункера” with data “9999”  5.select.form.control without changes  “кг”  6.Click the button “Розрахувати” | | 6.Displayed result of calculating data on UI |  |
| 7.Click the button “Зберегти” | | 7.Result displayed on result list |  |
|  | |  |  |
| Postcondition: | |  | |
| 1.Click the icon: “Показати” on the last result | | 1.last result is displayed with information about calculation result |  |
| 2.Click the icon: “Завантажити kml” on the last result | | 2.kml file is downloaded to the local machine |  |
| 3.Click the icon: “Завантажити pdf” on the last result | | 3.pdf file is downloaded to the local machine |  |
| 4.Click the icon: “В архів” on the last result | | 4.File is placed in an archive |  |

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# Test cases example #6

|  |  |  |  |
| --- | --- | --- | --- |
| **Title:** | Сalculation of input data(with value “51”,"10000","10000" ) | | |
| **Function:** | Calculation result | | |
| **Action** | | **Expected result** | **Test result:**   * pass * fail * blocked |
| Introduction: | |  | |
| login on the site [x](https://www.soft.farm/uk)xx | | The soft.farm website is open and accessible |  |
| Open the page [x](https://www.soft.farm/uk/crop/track-calculation)xx | | The page is opened |  |
|  | |  |  |
| Steps of the test: | |  | |
| Fill in the calculation form:  1.Choose value 1 field/1field from select “Ділянка”  2.Fill the input “Ширина причепа” with data "51"  3.Fill the input “Споживання матеріалів” with data "10000"  4.Fill the input “Об’єм бункера” with data 10000 | | 4.Errors should be displayed n the all fields before the form is submitted |  |
|  | |  |  |

# P.S.

# 1.Test design methods with boundary values and equivalent classes have been applied, since exhaustive testing is not [possible](https://qalight.ua/ru/baza-znaniy/printsipyi-testirovaniya/" \l ":~:text=Исчерпывающее тестирование невозможно,исключениям совсем уж примитивных случаев.), and partial the paired testing. If paired testing is needed on a project, you can use the [service](https://pairwise.teremokgames.com/)

# 2.According syllabus page 61 we can test boundary values in two methods