**Цель:** нужно составить тест план, на английском языке, тестирования формы регистрации на www.linkedin.com

**Технические требования:**

Нужно кратко описать план тестирования:

* опишите, что нужно тестировать (объект тестирования);
* составьте список функций и описание тестируемой системы;
* опишите стратегию тестирования;
* укажите последовательность проведения работ;
* опишите критерии начала и окончания тестирования.

**Test Plan**

**Version: 1.0**

**Author: Anton Gritsun**

1. **Object of testing**

Object of testing is a registration form on site [www.linkedin.com](http://www.linkedin.com). Registration form contains 4 areas to write in: First name, Last name, Email, Password. There is a button «Join now».

1. **Entry criterias**

Testing can be started , if next conditions have done:

1. Smoke test passed
2. Deployment package is ready;

**3. Exit criterias**

Testing can be finished, if next conditions have done:

1. All checks have been done
2. No Blocker, Critical and Major defects have found;
3. Bugs have been documented;
4. **Test strategy**

In the process of testing will be used Ad-hoc testing because of there isn't strong documentation.

Testing include:

1. Functional testing;
2. UI testing;
3. Crossbrowser testing;
4. Usability testing;
5. Localisation testing;
6. Installation testing;

**4.1 Functional testing**

**Goal:**

To provide up-to-date information on the execution or failure to perform the required form functions.

**Process description:**

On the first stage will be done functional testing for registration form, based on positive scenarios to check working of registration form with correct data.

On the next stage will be done functional testing for form, based on negative scenarios to check working of the form with incorrect data.

**Completion Criteria:**

1. All planned checks were done;
2. All finding bugs and comment were committed.

On next stage of functional testing will be checked working of registration form with incorrect data:

- leave all the areas empty;

- leave 1 areas empty;

- leave 2 areas empty;

- leave 3 areas empty;

Shedule of testing with empty areas;

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| First name | empty | empty | Correct data | Correct data | Correct data | empty | Correct data | Correct data | empty |
| Last name | empty | Correct data | empty | Correct data | Correct data | empty | empty | Correct data |  |
| Email | empty | Correct data | Correct data | empty | Correct data | Correct data | empty | empty |  |
| Password | empty | Correct data | Correct data | Correct data | empty | Correct data | Correct data | empty | empty |

* 1. **UI testing**

**Goal:**

To check interaction of the user with graphic elements of the form.

**Process description:**

Will be done testing separated components of form(areas, botton) to find out UI bugs. Should use test design technics(Boundary Value Analysis) for areas. Also should use Fire Bug to find out hidden UI bugs.

**Completion Criteria:**

1. All planned checks were done;
2. All finding bugs and comment were committed.

Произвести:

1. Проверки минимальной и максимальной длинны строк. Допустимых и не допустимых символов. Необходимо использовать тестирование граничных значений.
2. Переключение между полями посредством кнопки TAB
3. Проверка правильности отображения символов в полях
4. Корректное отображения полей и кнопки в форме
5. Проверка корректности сообщений, которые появляются при неправильном вводе.

Для поиска скрытых UI дефектов необходимо использовать FireBug.

* 1. **Crossbrowser testing**

**Goal:**

To check functioning of the form with the different browsers.

**Process description:**

Will be done checks of display and functioning of registration form in the newest versions of browsers:

1. Mozilla Firefox, Chrome, Opera, IE in Windows 10.

2. Safari in MacOS;

**Completion Criteria:**

1. All planned checks were done;
2. All finding bugs and comment were committed.
   1. **Usability testing**

**Goal:**

To check comfort level of registration form for customers based on common criterias and subjective perception.

**Process description:**

Будет проведено тестирования удобства формы, реализация переключения между полями посредством клавиатуры, понятность подсказок в случае некорректного ввода,

Что не будет протестированно: секьюрити тестнг из-за отсутствия неообходимых ресурсов