**Website** [**https://www.uz.gov.ua/en/**](https://www.uz.gov.ua/en/)

**Version 2.0**

**Test plan**

Date 06/08/2021

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* **Introduction**

1.1 *Purpose*

This Test plan created for Website <https://www.uz.gov.ua/en/> ,Version 2.0, that should be relesed on any platforms.It describes testing approach features that will be tested and criteria that testing can be finished app can be released.

1.2 *Score*

The goal of testing the website is the thorough verification of all the features

in different platform. Some time (about 20%) will be spent testing the negative scenarios which are also uncover some bugs.

The final results of the testing process will be the following documents:

- the report about the testing results;

- documented bugs in the client’s bug tracking system.

The testing will be manual.

* **Requirements for testing**

https://uz.gov.ua/– is a website which gives the opportunity to get some

information about Ukrainian Railway , vacancies,freight transportation; it also gives opportunity to buy tickets and look for information about avaible train directions.

* **Test strategy**

As a result of the first testing cycle, where the functional tests take place,

there will be some corrections and additions made and put into the Test Plan. The

first cycle will give the definite understanding about the system stability and will

help to define the necessary test suite which will be executed shortly. Such method

will give the opportunity to get a detailed report about the product and will attract

the attention towards weak spots.

The client will be given all daily reports about the testing process, bugs

found, propositions about the improvements should be made. All the bugs found

will be added to the bug tracker for further corrections and fixes.

There are five stages of testing are planned:

▪ **the first stage** – analysis, Test Plan creation, partial fulfillment of some functional

tests;

▪ **the second stage** will be devoted to the detailed fulfillment of functional tests

uncovering and describing the bugs;

▪ **the third stage** – Cross Browser and Portability testing with uncovering and description the

defects (bugs);

▪ **the fourth stage** is fixed bugs check and Regression testing fulfillment;

▪ **the fifth stage** lies in User Interface testing with uncovering and description the

bugs.

Such kind of testing system allows fulfilling detailed testing and preventing,

fixing bugs on early stages.

* **Environmental Needs**

**OS:**

* Windows 7,8,10
* Mac OS
* Android OS
* IOS
* Linux

**Browsers:**

* Google Chrome
* Opera
* Microsoft Edge
* Safary
* **Testing Types**

*1. Functional Testing*

Functional errors detection via functional tests fulfillment.

**Process Description:**

**Payment:**

▪ Choose a direction

▪ Enter payment date

▪ Enter Email

▪ Receive e-mail tickets

**Feedback:**

▪ Work under correct data filling

▪ Work under incorrect data filling

**Search:**

▪ News search, article search

▪ Branch on tags

▪ News mapping

**Articles**:

▪ Images display

▪ Links workability

▪ Backing off to the Main Page

**Galleries**:

▪ Photo paging

▪ Correct zoom

▪ Correct photos mapping

**Banners**:

▪ Correct banners mapping

▪ Correct transition to the necessary pages

*2.Regression Testing*

Purpose:

To check the changes which were made in the website in order to make sure

that there are no bugs in the new version in the parts where testing had already

been made.

*3.User Interface Testing*

Goal:

To check the accordance of product’s design with the specification model set.

Process Description:

▪ Search-block form

▪ Payment form

▪ Mail to a user

▪ Website pages

*4. Compatibility Testing*

Goal:to check the website behavior in particular enviroment. To check the correct work of the website in different browsers and OS.

**Browsers:**

* Google Chrome
* Opera
* Microsoft Edge
* Safary

**OS:**

* Windows 7,8,10
* Mac OS
* Android OS
* IOS
* Linux

*5.Security Testing*

Goal: to check the security of a system, as well as analyze the risk assosiated, wich protects from hacker atacks,viruses,unauthorizedaccess to confidential data.

*6. Localization (UK/ ENG) Testing*

Goal: to check adapting a product to the UKR and ENG language .

* **Sheduled Work**

|  |  |  |  |
| --- | --- | --- | --- |
| **Task** | **Volume of work** | **Starting date** | **Expiry date** |
| **Test Plan Creation** | 12 hours | 06.08.2021 | 06.08.2021 |
| **Test Execution** | 3 months | 07.08.2021 | 07.11.2021 |
| **Analysis-up** | 2 week | 10.10.2021 | 24.11.2021 |
| **Summing-up** | 2 day | 26.10.2021 | 28.11.2021 |

* **Risks and Configuration**

* Lack of personnel resources when testing is to begin.
* Lack of availability of required hardware, software, data or tools.
* Late delivery of the software, hardware or tools.
* Delays in training on the application and/or tools.
* The scope of the plan may be changed.
* The test team will work overtime.
* Some blocker bugs can be discoverd during repression.
* Release build can be delivered in testing not in time.
* Stop funding.

* **Roles**

|  |  |  |
| --- | --- | --- |
| Worker | Minimum Resources Recommended | Specific Responsibilities or Comment |
| Test Manager,  Test Project Manager | 1 | Provides management oversight.  Responsibilities:  \* provide technical direction  \* acquire appropriate resources  provide management reporting |
| Senior Tester | 2 | Identifies, prioritizes, and implements test cases.  Responsibilities:  \* generate test plan  \* generate test model  evaluate effectiveness of test effort |
| Junior tester | 6 | Executes the tests.  Responsibilities:  \* execute tests  \* log results  \* recover from errors  document change requests |