



# PROJECT “OLIVA” WEB-SITE TESTING

<https://oliva.in.ua>

GROUP 3

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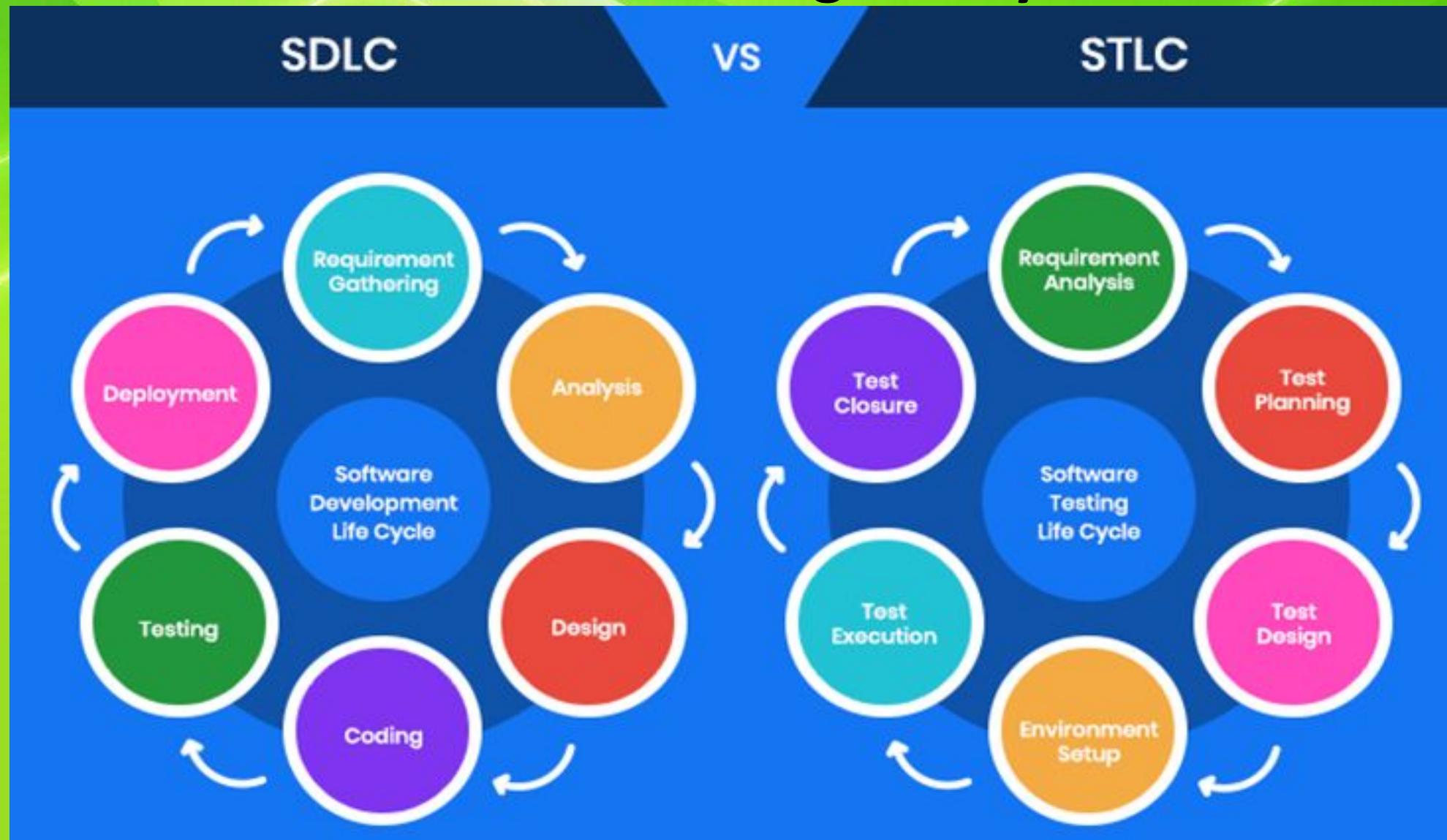
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QA Engineer **Anna Chulak**

QA Engineer **Olena Ivanovska**

# Project spoiler

## Software Testing Life Cycle





050 753 99 09  
063 927 22 11  
067 967 74 11

Графік роботи:  
Пн - Пт 09:00 - 18:00  
СБ, Нд, Вихідний

Головна

Товари

Новинки

Акції

Розмірні сітки

Пошук

0

0 грн.

## Категорії товарів

- Військова форма
- Одяг для рибалки, полювання і туризму
- Камуфляжний спецодяг
- Штані
- Костюми Горка
- Демісезонні костюми і куртки
- Кофти
- Зимові костюми
- Зимові куртки, бушлати
- Штані зимові
- Рукавиці
- Футболки
- Кепки



INSPECTION OBJECT <https://oliva.in.ua>

# ***OLIVA is an online store of suits for hunting, fishing, active recreation and military clothing***

Головна      Товари      Новинки      Акції      Розмірні стоки      Пошук      0 грн.

Сортування за замовчуванням

Показано 1 товар

Код: Кв6м  
Новинка  
 Військова форма

2,290 грн.  
В наявності  
Купити

Код: Ботчм  
Новинка  
 Водозахисна зимова куртка(мультикам)

2,700 грн. - 2,590 грн.  
В наявності  
Купити

Код: Ка4-н  
Новинка  
 Військовий форма (мультикам)

1,680 грн.  
В наявності  
Купити

Код: Ка7ч  
Новинка  
 Зимовий водонепроникний костюм (хакі)

3,840 грн.  
В наявності  
Купити

Ціна

Фільтр      Ціна: 0 грн. – 3,840 грн.

Сезон

Літо   Осінь   Весна   Зима   Літо  
Осінь

Розмір

XXL	104x5 см	114x5,5 см	44		
46	48	49-50	50	52	54
56	58	60	S	M	L
M-XL	onesize	XL	XXL-4XL		

Код: Ка7чп  
Новинка  
 Зимовий водонепроникний костюм ЗСУ (піксель)

3,840 грн.  
В наявності  
Купити

Код: Ка7чм  
Новинка  
 Зимовий водонепроникний костюм (мультикам)

3,840 грн.  
В наявності  
Купити

Код: Кағн  
Новинка  
 Зимовий костюм (мультикам)

3,430 грн.  
В наявності  
Купити

Код: П2-чп  
Новинка  
 Платоноска без пластина

830 грн.  
В наявності  
Купити

Активуйте Windows  
Перейдіть до розділу **Нагороди**, щоб активувати Windows.



# THIS IS THE BEGINNING OF OUR ANALYSIS

**We defined:**

- What are the business goals
- What are the user roles
- What is the design structure

**AND**

Developed all the necessary documentation



# Business goals

Increase the number of customers in the company's physical warehouse office market;

Increase the number of customers in the company's online shopping store; B2C;

Increase the number of business customers. B2B - Business to business;

Placement of the information about all products, as well as promotional products, novelties and seasonal products. Production of unique clothes according to the needs and sizes of customers;

Constant offer of updating clothes for hunting, fishing and tourism on the market of Ukraine;

Organization of product delivery to the client and placement of information related to the return of products;

Communication with the company sales department through social networks. Placement of all links to the company's social networks, phone numbers and contacts and the physical address of the company's warehouse office;

Provide customers with a convenient platform to search and purchase.

SRS Website <http://www.srsweb.it>

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## 2.3 User Types

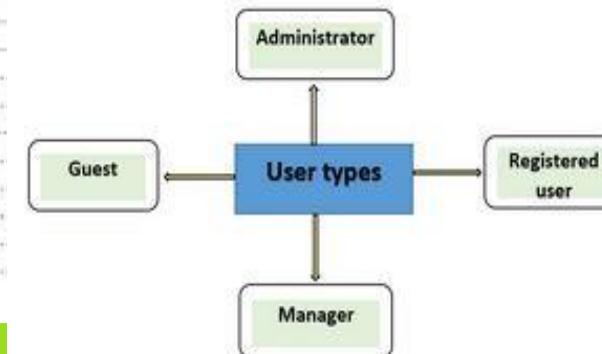
This site provides four types of users:

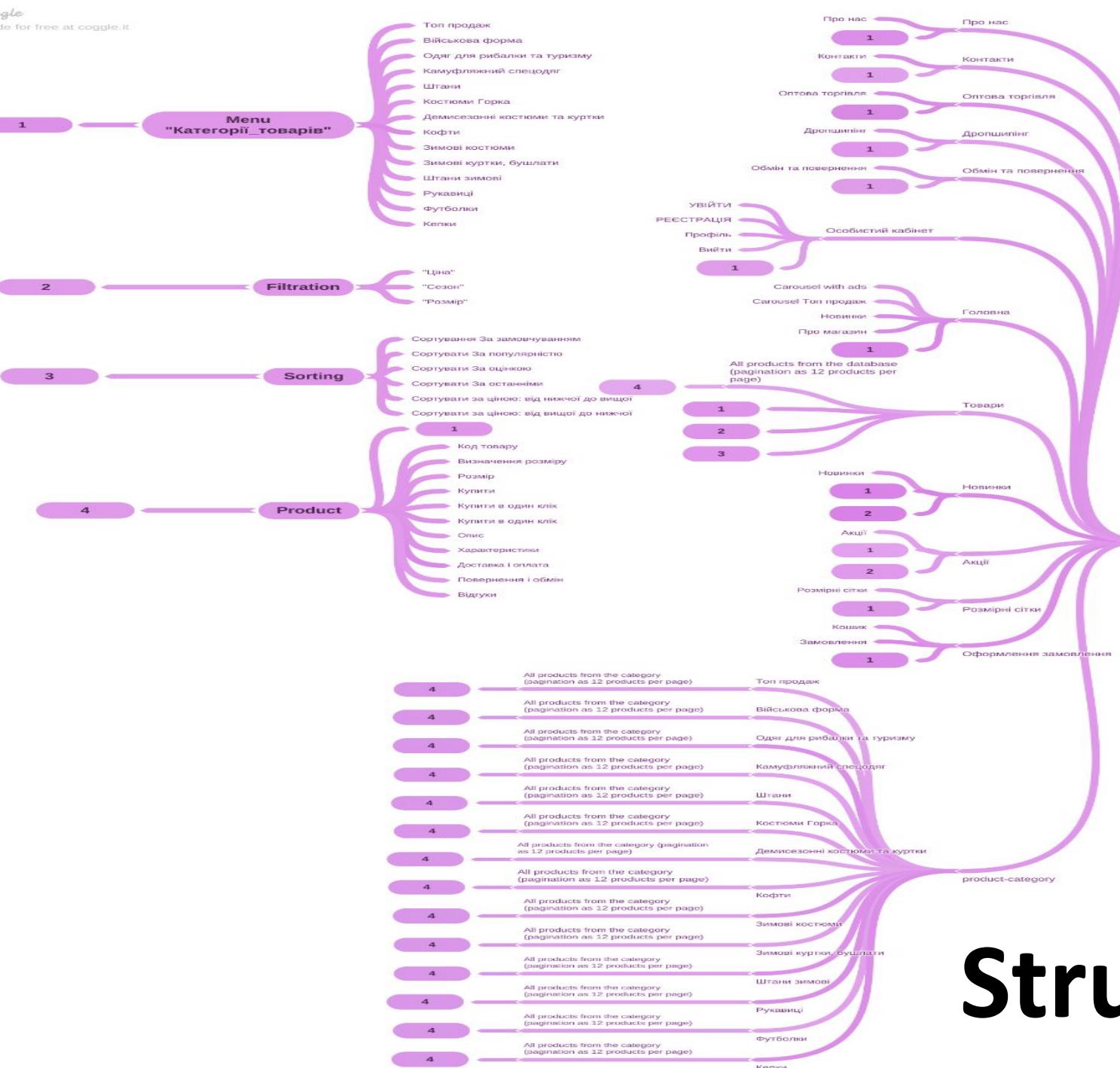
**Guest** – not a logged-in user who comes for the first time to the site and gets acquainted with the site and its functionality. Guests can register on the site, choose the product in the basket, place an order, pay for the product, order delivery, and leave feedback by specifying their email address and name .

**Registered user** – a registered user, on whom the product is primarily focused, is looking for a product. He can choose the product and add it to the basket, place an order, pay for the product, order delivery, and leave feedback.

**Manager** – is a specialist who creates publications, writes texts, selects media files, updates, and analyzes content.

**Administrator** – registered user with the highest level of access to the administrative panel of the site. Responsible for the direct operation of the service.





<https://oliva.in.ua>

# Structure MindMap



# Software Requirement Specification (SRS)

for  
Online Shopping "OLIVA"  
<https://oliva.in.ua/shop/>

Version 1.0

Prepared by

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QA Group 45 Practical course

11/01/2023

SRS Website <https://oliva.in.ua>

## 3.2 Hardware Interfaces

The System must run over the internet, all the hardware shall require to connect to the Internet will be a hardware interface for the system. For e.g. Modem, WAN – LAN, Ethernet Cross-Cable.

## 3.3 Software interfaces

3.3.1. Operating System: Windows, MacOS which supports networking.

3.3.2. The system must interact with the sales system to manage orders.

3.3.3. The system must interact with the delivery system to track delivery orders.

## 3.4 Communication Interfaces

The two parties should be connected by LAN or WAN for communication purposes.

## 4. Features

### 4.1 User registration and login

#### 4.1.1 Description and priority

The user has the opportunity to register as a new user, log in to his personal account, change his personal information or log out from the system.

Priority: High

#### 4.1.2. Functional requirements for Sign Up and Login functions

SUM-4.1.2.1. The system should allow users to make a registration in the platform by entering their email, login and password twice.

SUM-4.1.2.2. The password must have at least 12 characters and can contain upper and lower case, numbers, and special characters.

SUM-4.1.2.3. The login can contain upper and lower Latin letters and numbers.

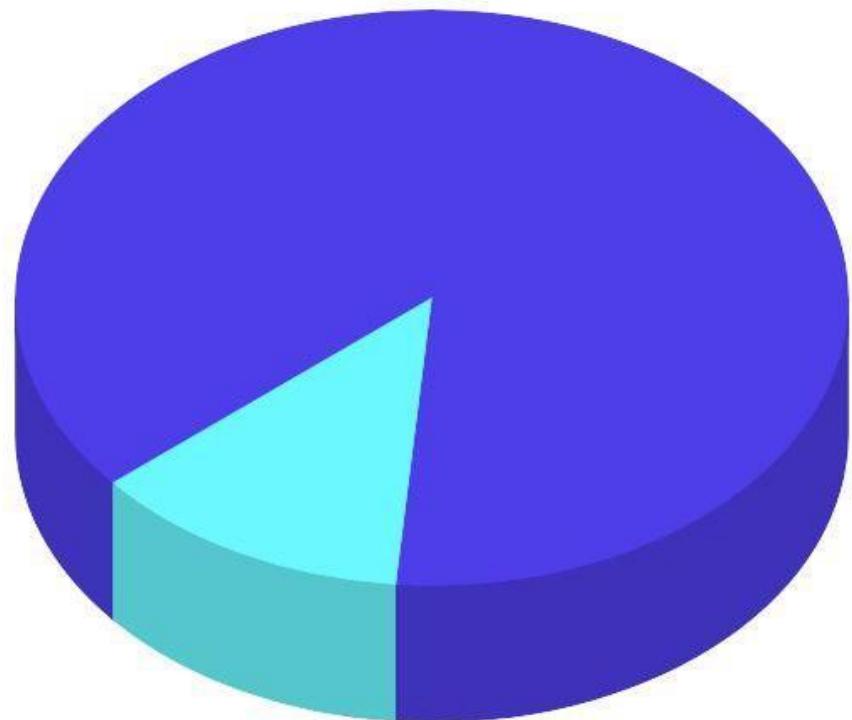
SUM-4.1.2.4. The email must contain: lower and upper Latin letters, numbers, symbols, symbol "@", domain prefix ".com", ".net", ".gmail".

LIM-4.1.2.5. The system must allow users to log into their account by entering their email or login and password.

# REQUIREMENTS

ALL REQUIREMENTS  
128

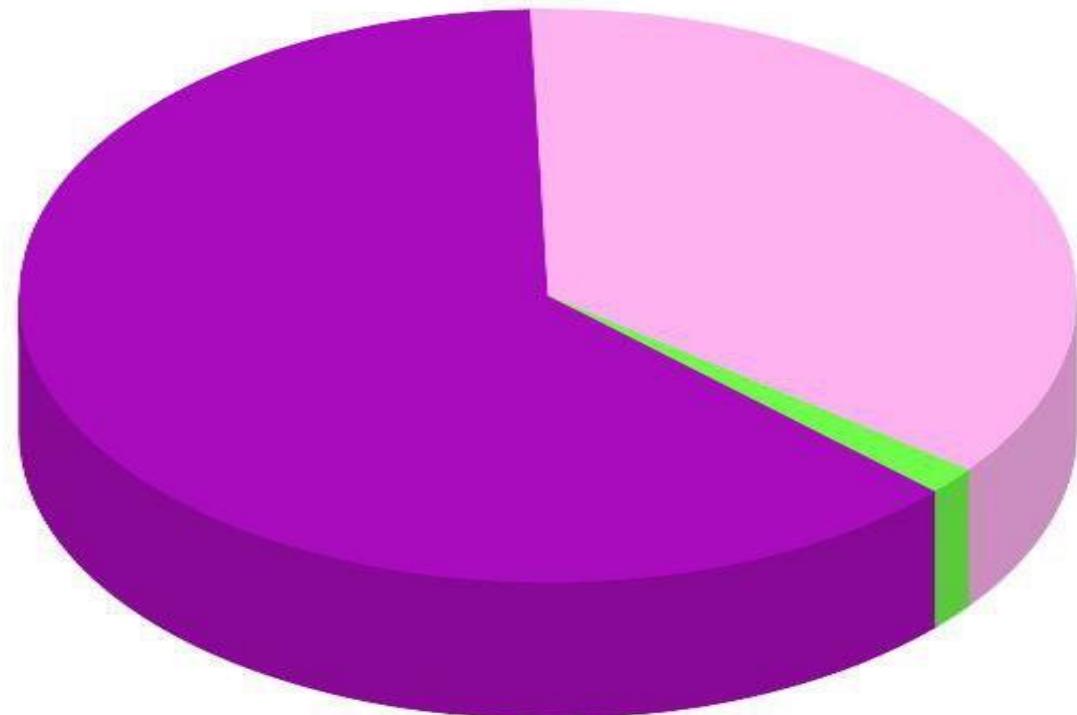
■ FUNCTIONAL 112  
■ NONFUNCTIONAL 16



# REQUIREMENTS PRIORITY

ALL REQUIREMENTS

128



- HIGH 80
- MEDIUM 46
- LOW 2

# TEST PLAN

## Features to be tested (IN-SCOPE)

- Personal cabinet: Sign Up and Log In, User profile, Log Out
- Products: Search Form, Menu “Product’s categories”, Filter “Price”, Filter “Season”, Filter “Size”, Sorting By default, By popularity, By rate, By last added, By price: from the highest to the lowest, By price: from the lowest to the highest; Adding goods to the cart. Feedback form.
- Ordering: As not registered User, As Logged In User, By “Купити в один клік» button
- Main page “Головна”
- Header
- Footer
- Pages ‘Про нас’, ‘Контакти’, ‘Оптова торгівля’, ‘Обмін та повернення’, ‘Новинки’, ‘Акції’, ‘Розмірні сітки’.



Test Plan  
Website: <https://oliva.in.ua/shop/>  
Documentation version 1.0

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## Features not to be tested (OUT OF SCOPE)

- External payment systems
- Dropshipping feature (temporary not available)
- Localisation testing

# Environmental Needs

OS:	Browsers:
Windows 10  Windows 10	Google Chrome Version 109.0.5414.75 
macOS 10.10.5 	Google Chrome Version 87.0.4280.141 
macOS 12.6 	Google Chrome Version 108.0.5359.124 

# **TEST TYPES**

## **Functional testing**

- Manual testing
- Automation testing

## **Non functional testing**

- GUI Testing
- UX Testing
- API Testing
- Load Testing
- Security Testing

## Entry criteria

- All the necessary documentation, design, and requirements information should be available that will allow testers to operate the system and judge the correct behavior
- All the standard software tools including the testing tools must have been successfully installed and functioning properly
- Proper test data is available
- QA resources have completely understood the requirements
- QA resources have sound knowledge of functionality
- Reviewed checklists, test cases and RTM

## Exit criteria

- All defined test cases & check-lists are passed and marked “Pass” status
- A certain level of requirements coverage has been achieved
- No high priority or severe bugs are left outstanding
- All high-risk areas have been fully tested, with only minor residual risks left outstanding
- The schedule has been achieved



# REQUIREMENTS (EXAMPLE OF DOCUMENTATION SECTION)

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Test Project Online Shopping "Oliva"															
2	REQUIREMENTS Traceability Matrix (RTM)															
3	ID	Requirement	Priority	TC's ID	TC-1	TC-2	TC-3	TC-4	TC-5	TC-6	TC-7	TC-8	TC-9	TC-10	TC-11	TC-12
6	SUM-4.1.2.3.	SUM-4.1.2.3. The login can contain upper and lower Latin letters and numbers.	High	TC-1.011 TC-1.012 TC-1.013 TC-1.014 TC-1.015	Pass	Pass	Pass	Pass	Pass							
7	SUM-4.1.2.4.	The email must contain: lower and upper Latin letters, numbers, symbols, symbol "@", domain prefix ".com", ".net", ".gmail".	High	TC-1.016 TC-1.017 TC-1.018 TC-1.019	Pass	Pass	Pass	Pass								
8	LIM-4.1.2.5.	The system must allow users to log into their account by entering their email or login and password.	High	TC-1.020 TC-1.021 TC-1.022 TC-1.023 TC-1.024 TC-1.025 TC-1.026 TC-1.027 TC-1.028 TC-1.029 TC-1.030	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass		
9	LIM-4.1.2.6.	The password must have at least 12 characters and can contain upper and lower case, numbers, and special characters.	High	TC-1.031	Pass											
10	LIM-4.1.2.7.	The login and password fields are mandatory.	Medium	TC-1.032 TC-1.033	Pass	Pass										
11	LIM-4.1.2.8.	The system should allows the user to switch between input fields using Tab.	Low	TC-1.034	Pass											
	<															
	+   ≡	RTM	TC's	ChL_Functional	ChL_GUI	Bug Report										

АКТИВЕ  
Перейд  
активе

# DECISION TABLE TO FORM "РЕЄСТРАЦІЯ"

	Decision table to form "РЕЄСТРАЦІЯ"															
Causes (inputs)	R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15	R16
Логін	0	1	0	0	0	1	1	1	0	0	0	1	1	1	0	1
E-mail адреса	0	0	1	0	0	0	0	1	1	1	0	1	0	1	1	1
Пароль	0	0	0	1	0	0	1	0	1	0	1	1	1	0	1	1
Повторіть пароль	0	0	0	0	1	1	0	0	0	1	1	0	1	1	1	1

Effect (Output)

Message "Вітаємо, <username>	F	F	F	F	F	F	F	F	F	F	F	F	F	F	F	T
------------------------------	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

0 - negative

1 - positive

F - false

T - true

# TEST CASES

## (EXAMPLE OF DOCUMENTATION SECTION)

TEST CASES													
ID Feature	ID TC	Description	Environment	Pre-conditions	Steps	Expected result	Actual result	Status	Priority	ID Bug Report	Test data	Team member	
PA-4.1.2.17.	TC-1.047	Verify if the system allows the user to change the password in the "ПРОФІЛЬ" section of the "Особистий кабінет" page. "Зберегти зміни" confirmation button should be enabled by default after user fills all necessary password fields.	macOS 12.6, Google Chrome 108.0.5359.124	1. The user is logged in in the system. 2. The "Особистий кабінет" page is opened	1. Click to the "ПРОФІЛЬ" button. 2. Fill in the "Поточний пароль" field. 3. Fill in the "Новий пароль" field. 4. Fill in the "Повторіть новий пароль" field. 5. Click the "Зберегти зміни" button.	The "Деталі облікового запису успішно змінено." is shown.	The "Деталі облікового запису успішно змінено." is shown.	Pass	High		email: olv934856@gmail.com old PSW: hjXMEutLeSm2dpWR new PSW: rjXMEutLeSm2dpWR	Olena Ivanovska	
PA-4.1.2.18.	TC-1.048	Verify if the system allows the user to logout from the site by clicking the "ВИЙТИ" button on the "Особистий кабінет" page.	macOS 12.6, Google Chrome 108.0.5359.124	The user is logged in in the system.	1. Click to the "Особистий кабінет" button on the header of the site. 2. Click to the "ВИЙТИ" button.	The main page <a href="https://oliva.in.ua/">https://oliva.in.ua/</a> is opened	The main page <a href="https://oliva.in.ua/">https://oliva.in.ua/</a> is opened	Pass	Medium		email: olv934856@gmail.com new PSW: rjXMEutLeSm2dpWR	Olena Ivanovska	
SUM-4.1.2.19.	TC-1.049	The system must not allow the user to make a second registration using the same email. The error message must be shown "Помилка: Обліковий запис вже зареєстровано на вашу електронну адресу. Будь ласка, увійдіть."	macOS 12.6, Google Chrome 108.0.5359.124	1. The user has an account in the site <a href="https://oliva.in.ua/">https://oliva.in.ua/</a> . 2. The user is not log in	1. Click to the "Особистий кабінет" button on the header of the site. 2. Fill in the "Логін" field with "olv934856". 3. Fill in the email field with "olv934856@gmail.com" email. 4. Fill in the "Пароль" and "Повторіть пароль" fields with "rjXMEutLeSm2d". 5. Click to the "Реєстрація" button.	The "Помилка: Обліковий запис вже зареєстровано на вашу електронну адресу. Будь ласка, увійдіть." message is shown.	The "Помилка: Обліковий запис вже зареєстровано на вашу електронну адресу. Будь ласка, увійдіть." message is shown.	Pass	Medium		email: olv934856@gmail.com new PSW: rjXMEutLeSm2d	Olena Ivanovska	
SUM-4.1.2.20.	TC-1.050	The system must not allow the user to make the registration using the login registered in the system. The error message must be shown "Помилка: Обліковий запис з цим логіном вже зареєстрований. Будь ласка, виберіть інший."	macOS 12.6, Google Chrome 108.0.5359.124	1. The user has an account in the site <a href="https://oliva.in.ua/">https://oliva.in.ua/</a> . 2. The user is not log in	1. Click to the "Особистий кабінет" button on the header of the site. 2. Fill in the "Логін" field with "olv934856". 3. Fill in the email field with "olv934@gmail.com" email. 4. Fill in the "Пароль" and "Повторіть пароль" fields with "rjXMEWe4eSm2d". 5. Click to the "Реєстрація" button.	The "Помилка: Обліковий запис з цим логіном вже зареєстрований. Будь ласка, виберіть інший." message is shown.	The "Помилка: Обліковий запис з цим логіном вже зареєстрований. Будь ласка, виберіть інший." message is shown.	Pass	Medium		login: olv934856 email: olv934@gmail.com new PSW: rjXMEWe4eSm2d	Olena Ivanovska	
SHP-4.2.2.1.	TC-2.001	Verify if system displays products when user clicks on "Товари" tab	macOS 10.10.5, Google Chrome 87.0.4280.141	Main page is opened <a href="https://oliva.in.ua/">https://oliva.in.ua/</a>	Click on the "Товари" tab	Page with products is uploaded	Page with products is uploaded	Pass	High			Liza Sheptytska	
SHP-4.2.2.2.	TC-2.002	Verify if system provides the pagination with product's pages.	macOS 10.10.5, Google Chrome 87.0.4280.141	Main page is opened <a href="https://oliva.in.ua/">https://oliva.in.ua/</a>	1. Click on "Товари" tab 2. Scroll down and check if the pagination with product's pages is available at the bottom of the page	Pagination is present	Pagination is present	Pass	High			Liza Sheptytska	

# CHECKLIST\_Functional / GUI

A	B	C	D	E	F
Checklist (Test Project Online Shopping "Oliva")					
ID	Site <a href="https://oliva.in.ua">https://oliva.in.ua</a>	Windows 10 Pro 22H2 x64	macOS 12.6	macOS 10.10.5	ID Bug Report
		Google Chrome 109.0.5414.75	Google Chrome 108.0.5359.124	Google Chrome 87.0.4280.141	
	Check	Status	Status	Status	
5	"Про нас" page				
6	4.8-1-01 The page contains information about on-line store Oliva	Pass ▾	Pass ▾	Pass ▾	
7	4.8-1-02 There is an ability to scroll through the information on the page	Pass ▾	Pass ▾	Pass ▾	
8	"Контакти" page				
9	4.9-1-01 The page contains correct data of contact phone numbers of the store, e-mail address, post address, current website link, work schedule and location on the map	Fail ▾	Fail ▾	Fail ▾	BG-20
10	4.9-1-02 There is an ability to scroll through the information on the page	Pass ▾	Pass ▾	Pass ▾	
11	4.9-1-03 Transition to the phone app by clicking on each phone number	Pass ▾	Pass ▾	Pass ▾	
12	4.9-1-04 Transition to the e-mail app by clicking on the e-mail address	Pass ▾	Pass ▾	Pass ▾	
13	4.9-1-05 Transition to the page "Головна" by clicking on the web-site address	Pass ▾	Pass ▾	Pass ▾	
14	4.9-1-06 Transition to the Google map by clicking on the link "Переглянути збільшенну карту"	Pass ▾	Pass ▾	Pass ▾	
15	"Оптова торгівля" page				
16	4.10-1-01 The page contains information about the terms of cooperation for wholesale buyers	Pass ▾	Pass ▾	Pass ▾	
17	4.10-1-02 There is an ability to scroll through the information on the page	Pass ▾	Pass ▾	Pass ▾	
18	"Дропшипінг" page				
19	4.11-1-01 The page contains information about the terms of cooperation for partner online	Pass ▾	Pass ▾	Pass ▾	

A	B	C	D	E	F	G
Checklist (Test Project Online Shopping "Oliva")						
#	Site <a href="https://oliva.in.ua">https://oliva.in.ua</a>	Windows 10 Pro 22H2 x64	macOS 12.6	macOS 10.10.5	Android 13	ID Bug Report
		Google Chrome 107.0.5304.87	Google Chrome 108.0.5359.124	Google Chrome 87.0.4280.141	Google Chrome	
	Check	Status	Status	Status	Status	
5	"Особистий кабінет" page					
6	4.1-2-01 The font used on the site is readable	Pass ▾	Pass ▾	Pass ▾	Pass ▾	
7	4.1-2-02 Text is correctly aligned in different windows sizes	Pass ▾	Pass ▾	Pass ▾	Pass ▾	
8	4.1-2-03 Text is correctly aligned in native display resolution	Pass ▾	Pass ▾	Pass ▾	Pass ▾	
9	4.1-2-04 Images are correctly aligned	Pass ▾	Pass ▾	Pass ▾	Pass ▾	
10	4.1-2-05 Correct displaying of GUI elements	Fail ▾	Fail ▾	Fail ▾	Fail ▾	BG-23
11	4.1-2-06 No spelling and grammatical errors	Pass ▾	Pass ▾	Pass ▾	Pass ▾	
12	4.1-2-07 Scrolling appears where its needed	Pass ▾	Pass ▾	Pass ▾	Pass ▾	
13	4.1-2-08 Immutable fields look the same and differ from editable fields	Pass ▾	Pass ▾	Pass ▾	Pass ▾	
14	4.1-2-09 Unification of design (color, font, size)	Pass ▾	Pass ▾	Pass ▾	Pass ▾	
15	4.1-2-10 Changing the appearance of an element on hover	Pass ▾	Pass ▾	Pass ▾	Pass ▾	
16	4.1-2-11 The cursor changes its appearance when hovering over active items	Pass ▾	Pass ▾	Pass ▾	Pass ▾	
17	"Товари" page					
18	4.2-2-01 The font used on the site is readable	Pass ▾	Pass ▾	Pass ▾	Pass ▾	
19	4.2-2-02 Text is correctly aligned in different windows sizes	Pass ▾	Pass ▾	Pass ▾	Pass ▾	
20	4.2-2-03 Text is correctly aligned in native display resolution	Pass ▾	Pass ▾	Pass ▾	Pass ▾	
21	4.2-2-04 Images are correctly aligned	Pass ▾	Pass ▾	Pass ▾	Pass ▾	
22	4.2-2-05 Correct displaying of GUI elements	Fail ▾	Fail ▾	Fail ▾	Fail ▾	BG-12 BG-13 BG-16

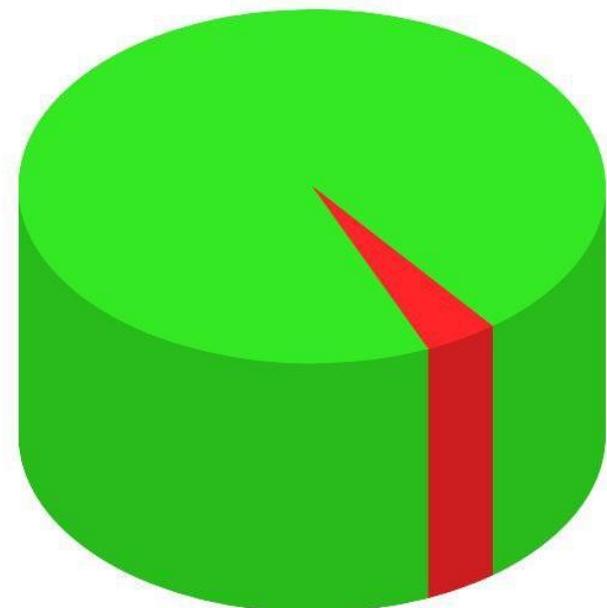
Based on the collected requirements 222 cases

were designed 100% of test cases were executed

## TEST CASES 222

EXECUTED 222

- PASSED 213
- FAILED 9

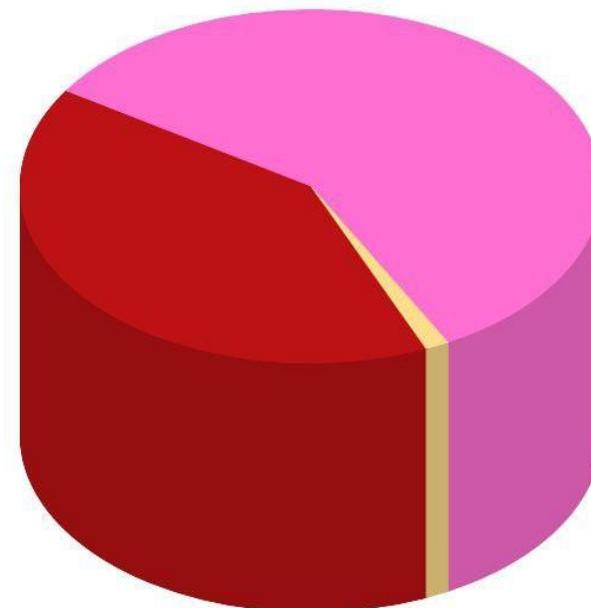


DESIGNED	EXECUTED	PASSED	FAILED
222	222	213	9

## TEST CASES PRIORITY

DESIGNED 222

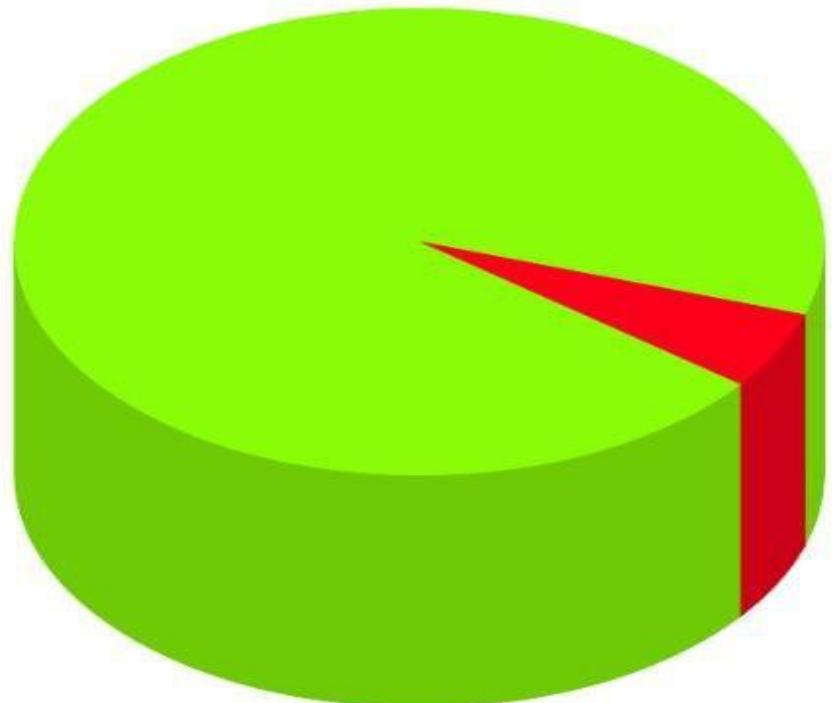
- HIGH 90
- MEDIUM 129
- LOW 3



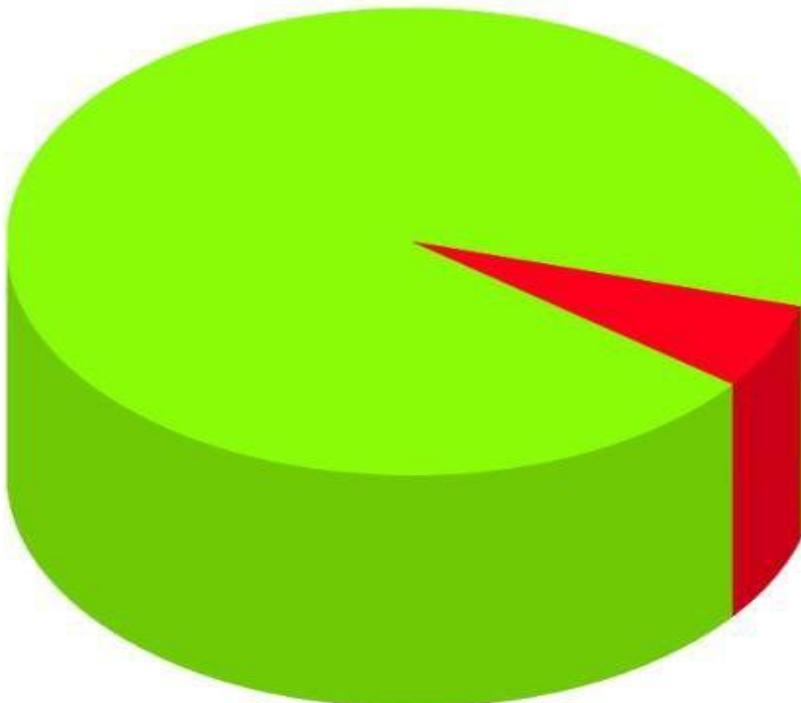
DESIGNED	HIGH	MEDIUM	LOW
222	90	129	3

# COMPARISON OF DIAGRAMS (Checklist)

Checklist \_Functional



Checklist \_GUI



PASSED  
FAILED

Checklist \_Functional

DESIGNED	EXECUTED	PASSED	FAILED
37	37	35	2

Checklist \_GUI

DESIGNED	EXECUTED	PASSED	FAILED
134	134	126	8

CHECKLIST\_Functional / GUI

	A	B	C	D	E	F	G	H	I	J	K
1					BUG REPORTS						
2	ID	Title	Environment	Precondition	Steps to reproduce	Expected result	Actual result	Priority	Severity	Attachments	ID TC's
22	BG-20	The working schedule in the "Контакти" page has not correct data	Windows 10, macOS 12.6, macOS 10.10.5 Google Chrome	1. Open browser window at incognito mode 2. Open site main page <a href="https://oliva.in.ua">https://oliva.in.ua</a>	1. Click on the "Контакти" button in header menu 2. Pay attention to the working time in the "Графік роботи" area	Пн - Пт 09:00 - 18:00	Пн – Пт 10:00 – 18:00	Low	Low	<a href="https://monosnap.com/file/yKismTLMPhrkVttRApDi6kM3s4hcbg">https://monosnap.com/file/yKismTLMPhrkVttRApDi6kM3s4hcbg</a>	<a href="#">4.9-1.01</a>
23	BG-21	The inscriptions on the "diagram of work", in the "Дропшипінг" page, are written in the wrong language	Windows 10, macOS 12.6, macOS 10.10.5 Google Chrome Android 13	1. Open browser window at incognito mode 2. Open site main page <a href="https://oliva.in.ua">https://oliva.in.ua</a>	1. Click on the "Дропшипінг" button in header menu 2. Pay attention to the inscriptions of the "diagram of work" language	The inscriptions on the "scheme of work" are written in Ukrainian	The inscriptions on the "scheme of work" are written in other language	High	Low	<a href="https://monosnap.com/file/FPxxvv4Fbw0XqYJXVcMmumCiLNWg4Z">https://monosnap.com/file/FPxxvv4Fbw0XqYJXVcMmumCiLNWg4Z</a>	<a href="#">4.10-2-05</a>
24	BG-22	The text in the "Дропшипінг" page has the error	Windows 10, macOS 12.6, macOS 10.10.5 Google Chrome Android 13	1. Open browser window at incognito mode 2. Open site main page <a href="https://oliva.in.ua">https://oliva.in.ua</a>	1. Click on the "Дропшипінг" button in header menu 2. Pay attention to the text in item 1 "Для співпраці"	Після того ми вже приймемо рішення про співпрацю з вами по системі дропшипінг.	Після того ми вже приймемо рішення про співпрацю з нами по системі дропшипінг.	Low	Low	<a href="https://monosnap.com/file/cGk9vKCrPNj8DSIixH8KQS7GI6reZO">https://monosnap.com/file/cGk9vKCrPNj8DSIixH8KQS7GI6reZO</a>	<a href="#">4.10-2-05</a>
25	BG-23	Absent button's name "Адреси" of the "Адреси" section in "Особистий кабінет" page and its incorrect displaying.	Windows 10, macOS 12.6, macOS 10.10.5 Google Chrome Android 13	1.Main page of the site <a href="https://oliva.in.ua/">https://oliva.in.ua/</a> is opened. 2.The user is logged in the system. 3.The address information is added to the "АДРЕСИ" section.	1. Click on the "Особистий кабінет" button. 2. Click on the empty place between "Завантаження" and "Профіль" buttons of "Особистий кабінет" page and display the payment address information by clicking on it .	The system should display the name of "Адреси" button between "Завантаження" and "Профіль" buttons of "Особистий кабінет" page and display the payment address information by clicking on it .	The button's name "Адреси" is absent and clicking on the empty place between "Завантаження" and "Профіль" buttons the system displays the payment address information.	High	Minor	<a href="https://monosnap.com/file/zXk9434bHUIEGkyOzWaxuggTwesSo">https://monosnap.com/file/zXk9434bHUIEGkyOzWaxuggTwesSo</a>	<a href="#">4.1-2-05</a>

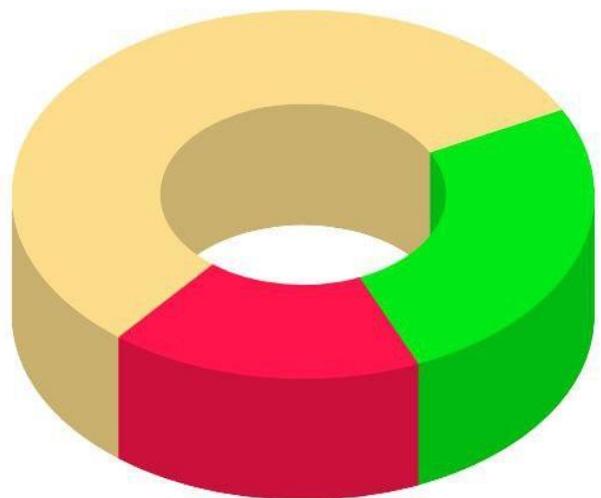
# BUG REPORT

## (EXAMPLE OF DOCUMENTATION SECTION)

# BUGS PRIORITY

ALL BUGS 23

- HIGH 4
- MEDIUM 13
- LOW 6

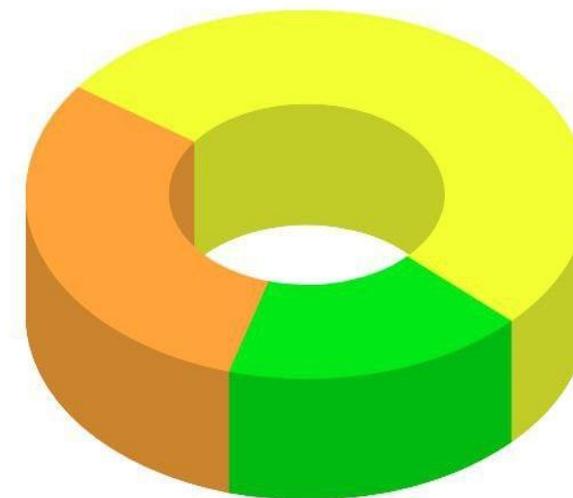


ALL BUGS	HIGH	MEDIUM	LOW
23	4	13	6

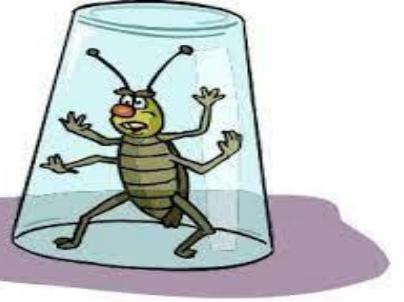
# BUGS SEVERITY

ALL BUGS 23

- MAJOR 7
- MINOR 12
- LOW 4



ALL BUGS	MAJOR	MINOR	LOW
23	7	12	4



# The most interesting Bugs



The most interesting Super Bugs		
Test Case ID	Description	Defect
1 Bug-1	The system does not provide user the opportunity to search for the product by typing its code.	"Товарів, відповідних вашому запиту, не знайдено." is shown.
2 Bug-5	Incorrect work of the Filter "Сезон" at the "Товари" page	There is incorrect work of Season filter. There are 2 filters "Літо" and 2 filters "Осінь" displayed. Check the Attachment.
3 Bug-13	Absent prices on the product items which are shown as available with "Купити" button.	There are no prices on the product items which are shown as available with "Купити" button.
4 Bug-16	Incorrect work of Sorting filters	When product items are sorted there are products shown added to the list which are not available
5 Bug-17	Images of the top selling products on "Головна" page are incorrectly aligned	The images on the main page are incorrectly aligned.
6 Bug-23	Absent button's name "Адреси" of the "Адреси" section in "Особистий кабінет" page and its incorrect displaying.	The button's name "Адреси" is absent and clicking on the empty place between "Завантаження" and "Профіль" buttons the system displays the payment address information.



# *Demonstration*

## Bugs

# OLIVA\_IN\_UA Collection with GET and POST requests

The screenshot shows the Postman interface with the 'OLIVA' collection selected. A single '1 Open' request is listed under the '1 Open' section. The request details show a GET method to 'https://oliva.in.ua/'. The Headers tab includes 'sec-ch-ua' (Not\_A\_Brand;v=99;, Google Chrome;v=109;, Chromium;v=109), 'sec-ch-ua-mobile' (0), 'sec-ch-ua-platform' ('Windows'), 'Upgrade-Insecure-Requests' (1), 'User-Agent' (Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/109.0.0.0 Safari/537.36), and 'Accept' (\*/\*). The response status is 200 OK.



The screenshot shows the Postman interface with the 'OLIVA' collection selected. Two requests are listed under the '2 Cabinet open' section: 'GET https://oliva.in.ua/my-account/' and 'POST https://oliva.in.ua/my-account/'. Both requests have identical headers: 'sec-ch-ua' (Not\_A\_Brand;v=99;, Google Chrome;v=109;, Chromium;v=109), 'sec-ch-ua-mobile' (0), 'sec-ch-ua-platform' ('Windows'), 'Upgrade-Insecure-Requests' (1), 'User-Agent' (Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/109.0.0.0 Safari/537.36), and 'Accept' (\*/\*). The response status is 200 OK.

The screenshot shows the Postman interface with the 'OLIVA' collection selected. One request is listed under the '3 Registration' section: 'POST https://oliva.in.ua/my-account/'. The request has the same headers as the others: 'sec-ch-ua' (Not\_A\_Brand;v=99;, Google Chrome;v=109;, Chromium;v=109), 'sec-ch-ua-mobile' (0), 'sec-ch-ua-platform' ('Windows'), 'Upgrade-Insecure-Requests' (1), 'User-Agent' (Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/109.0.0.0 Safari/537.36), and 'Accept' (\*/\*). The response status is 200 OK.

The screenshot shows the Postman interface with the 'OLIVA' collection selected. One request is listed under the '4 Log-in' section: 'POST https://oliva.in.ua/my-account/'. The request has the same headers as the others: 'sec-ch-ua' (Not\_A\_Brand;v=99;, Google Chrome;v=109;, Chromium;v=109), 'sec-ch-ua-mobile' (0), 'sec-ch-ua-platform' ('Windows'), 'Upgrade-Insecure-Requests' (1), 'User-Agent' (Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/109.0.0.0 Safari/537.36), and 'Accept' (\*/\*). The response status is 200 OK.

API TEST

<b>ID</b>	2
<b>Name</b>	Basic operations with website Oliva.in.ua using Postman API
<b>Short Description</b>	Personal cabinet Checkout, Opening "Товари" page, Put item to the cart, Cart checkout
<b>Goal</b>	Check how the system works with the operation of choosing a product, putting it to the cart, Cart and Personal cabinet checkout without GUI using.
<b>Precondition</b>	The user opens the main page, goes to "Особистий кабінет", Clicks "Товари" page and opens "Військова форма (піксель)" product item. Choose the item's size and put it to the cart.
<b>Success Conditions</b>	All requests are performed with status code 200 OK. Choosing a product item works by opening a detailed product page. By clicking the "Купити" button the product appears in the cart. The total order price is shown according to the chosen quantity.
<b>Fault Condition</b>	Returning Status Codes 300, 400, 500
<b>Participants</b>	Registered website User.
<b>Dependencies</b>	Postman do not have a connection to the website.
<b>Normal Flow</b>	<ol style="list-style-type: none"> <li>Send GET request to open the main website page Oliva.in.ua</li> <li>Send GET request to open "Особистий кабінет" page</li> <li>Send GET request to open "Товари" page</li> <li>Send GET request to open "Військова форма (піксель)" product detail page</li> <li>Send POST request to add the comment</li> <li>Send POST request to add item to the cart</li> <li>Send GET request to Cart checkout</li> <li>Send GET request to Remove item from the Cart</li> <li>Send GET request to open "Товари" page</li> <li>Send GET request to open "Військова форма (піксель)" product detail page</li> <li>Send POST request to add item to the cart</li> <li>Send GET request to Cart checkout</li> <li>Send POST request to send order.</li> <li>Send GET request to Cart checkout</li> </ol>
<b>Out of scope</b>	Registration, Log In, Log Out
<b>Frequency of Use</b>	About 1-2 times per day. For automatic run Postman Monitor using
<b>Notes and Issues</b>	This flow should test on Chrome

The screenshot shows the Postman application interface. On the left, there is a sidebar with sections for Collections, APIs, Environments, Mock Servers, Monitors, Flows, and History. The 'Collections' section shows a collection named 'OLIVA\_IN\_UA' which contains a sub-collection '1 Open' and several individual requests labeled 2 Cabinet open, 3 Registration, 4 Товари page, 5 Код товару: Кв4-нн page, 6 Put good Кв4-нн to cart anc, 7 Put goods Кв4-нн to cart, and 8 Update\_Cart.

The main workspace displays a single request under the 'Tests' tab:

```

pm.test("Status code is 200 OK", function () {
    pm.response.to.have.status(200);
    pm.response.to.have.status("OK");
});

```

The 'Test Results' section shows one test result: PASS Status code is 200 OK. At the bottom, there are buttons for Cookies, Auto-select agent, Runner, Trash, and Help.

# API TEST

*Demonstration  
Execution  
of the Postman API TEST collection*

# Use Case Performance testing

ID	3
Name	Performance (Load) testing
Short Description	Load testing by simulating the main business flow with Apache JMeter tool
Goal	Check how the system works under the load. Define the allowed number of concurrent users.
Precondition	Apache JMeter and appropriate Java JRE installed on the test device. JMeter test set prepared.
Success Conditions	Test set execution is complete. Log files and test results have been created and saved, and a report has been created.
Fault Condition	Test set execution is not complete. Log files, test results and a report have not been created.
Participants	Test execute by one tester
Dependencies	During the load, visitors can enter the site, which affects the distortion of the test results. Not stable internet connection.
Normal Flow	<ol style="list-style-type: none"><li>1. User opens the main website page <a href="https://oliva.in.ua">Oliva.in.ua</a>.</li><li>2. User opens "Товари" page</li><li>3. User searches for products using the search field.</li><li>4. User searches for products using the "Категорії товарів" menu</li><li>5. User chooses product</li><li>6. User puts the product to the cart by clicks on "Купити" button</li><li>7. Cart checkout</li></ol>
Includes	Previous Log Out and deleting items from the cart if they were added to the cart before this session
Frequency of Use	once for each 1, 5, 10, 15, 20, 25, 30 users
Notes and Issues	Do not start the next step before analyzing results. If the response time exceeds 80 seconds, you must end the test.

# PERFORMANCE TESTING

## 1. Postman Interceptor

The screenshot shows the Postman desktop application interface. On the left, there's a sidebar with sections for Collections, APIs, Environments, Mock Servers, Monitors, Flows, and History. A collection named 'Olivia' is selected, displaying a list of requests: Open, Cabinet open, Registration, Товари page, Код товару: Ке4-нн page, Put goods Ке4-нн to cart, Send order, Log Out, and Olivia\_API. To the right of the sidebar, there's a main panel titled 'Capture requests'. At the top of this panel, there are two options: 'Via Proxy' (disabled) and 'Via Interceptor' (selected). Below this, a green-bordered box highlights the 'Start an interceptor session' button, which is labeled 'CONNECTED'. A tooltip for this button states: 'Store requests and cookies in a time-bound session using Postman interceptor. Learn more about sessions'. There's also a checked checkbox for 'Capture cookies'. A modal window titled 'Auto sync cookies from Postman cookie jar' provides information about syncing cookies from a browser or app to Postman using Postman Proxy or Interceptor, with a 'Learn More' link. At the bottom of the main panel, there are fields for 'Save requests to a collection (optional)' set to 'Olivia' and 'Additional Configurations' with a note 'Configure the type of requests you want to capture.' Below that, there's a URL input field containing 'https://oliva.in.ua/' and a 'Methods' input field. The bottom navigation bar includes icons for Online, Find and Replace, Console, Cookies, Capture requests (which is highlighted with a green box), Runner, Trash, and other settings.

# PERFORMANCE - 2. Postman interceptor Google extension

The screenshot illustrates a performance testing setup using the Postman Interceptor extension in a web browser. The left portion of the screen displays the website 'oliva.in.ua', which features a green header with navigation links like 'Про нас', 'Контакти', 'Оптова торгівля', 'Дропшипінг', and 'Обмін та повернення'. The main content area has a large banner for 'ЗИМОВІ КОСТЮМИ' (Winter Coats) with descriptive text about the material and insulation. The right portion of the screen shows the 'Postman Interceptor' extension interface, which is connected and capturing requests. The sidebar lists recent requests, including a POST request to the beacon endpoint and several GET requests for contact forms and statistics. A red box highlights the list of recent requests.

oliva.in.ua

Postman Interceptor • CONNECTED

Capture requests and cookies from the browser to use in Postman. [Learn more.](#)  
Still using the Postman Chrome App?

Requests Cookies

Capture requests

ON Show filters

Recent requests

POST https://oliva.in.ua/ngx\_pagespeed\_beacon?url=https%3A%2F%2Foliva.in.u a%2F

GET https://oliva.in.ua/wp-json/contact-form-7/v1/contact-forms/216/feedback/scheme

GET https://oliva.in.ua/wp-json/wp-statistics/v2/hit?wp\_statistics\_hit\_rest=yes&exclusion\_match=no&exclusion\_reason&track\_all=1&current\_page\_type=home&cur

GET https://oliva.in.ua/

UA:

2,290 грн.

Головна Товари Новинки Акції Розмірні сітки

Категорії товарів

- Військова форма
- Одяг для рибалки, полювання і туризму
- Камуфляжний спецодяг
- Штаны
- Костюми Горка
- Демісезонні костюми і куртки
- Кофти
- Зимові костюми
- Зимові куртки, бушлати
- Штаны зимові
- Рукавиці
- Футболки
- Кепки

# PERFORMANCE – 3. Interceptor debug session

The screenshot shows the Postman application interface with the following details:

- Header Bar:** Home, Workspaces, API Network, Explore, Search Postman, Invite, Settings, Notifications, Profile, Upgrade.
- Sidebar:** Collections (selected), APIs, Environments, Mock Servers, Monitors, Flows, History.
- Current Workspace:** Olivia.
- Session Title:** Interceptor debug session (INTERCEPTOR IS ENABLED).
- Configuration:** Configure incoming requests, Methods (dropdown), Custom URL (dropdown), Capture cookies (checkbox checked).
- Request List:** Requests (4) tab selected, Cookies tab available. A search bar "Search captured requests" is present. The table lists the following requests:

	Methods	URL	Domain	Type
<input type="checkbox"/>	GET	<a href="https://oliva.in.ua/">https://oliva.in.ua/</a>	oliva.in.ua	none
<input type="checkbox"/>	GET	<a href="https://oliva.in.ua/wp-json/wp-statistics/v2/hit?wp_statistics_hit_rest=yes&amp;excl...">https://oliva.in.ua/wp-json/wp-statistics/v2/hit?wp_statistics_hit_rest=yes&amp;excl...</a>	oliva.in.ua	none
<input type="checkbox"/>	GET	<a href="https://oliva.in.ua/wp-json/contact-form-7/v1/contact-forms/216/feedback/search">https://oliva.in.ua/wp-json/contact-form-7/v1/contact-forms/216/feedback/search</a>	oliva.in.ua	none
<input type="checkbox"/>	POST	<a href="https://oliva.in.ua/ngx_pagespeed_beacon?url=https%3A%2F%2Foliva.in.ua%2F">https://oliva.in.ua/ngx_pagespeed_beacon?url=https%3A%2F%2Foliva.in.ua%2F</a>	oliva.in.ua	urlencoded

- Bottom Status Bar:** Olivia, 00 : 02 : 10, Pause, Stop.
- Footer:** Online, Find and Replace, Console, Cookies, Capture requests, Runner, Trash.

Home Workspaces API Network Explore

Search Postman

+ **Set of user registration options**

No Environment

Save **Send**

Params Authorization Headers (15) Body **Pre-request Script Tests Settings**

none form-data x-www-form-urlencoded raw binary GraphQL

Key	Value	Description
ak_bmcc	16	
ak_bmk	14;26;35;36;38	
ak_bmm	215,2;193,252;423,13;1523,487;73,10;1528,31;3572,42;16...	
ak_bmmc	20	
ak_bsc	2	
ak_bte		
ak_btcc	0	
ak_btmc	0	
email	fgh@fgh.com	
password	123asD@\$%568	
password2	123asD@\$%568	
register	Реєстрація	
username	Testusername	
woocommerce-register-nonce	414b7e777a	

The set of requests sent by clicking on the "РЕЄСТРАЦІЯ" button

Cookies Capture requests Runner Trash

**Collections APIs Environments Mock Servers Monitors Flows History**

**Olivia** New Import

POST https://oliva.in.ua/my-account/

Olivia / 3 Registration / https://oliva.in.ua/my-account/

POST https://oliva.in.ua/my-account/

Params Authorization Headers (15) Body **Pre-request Script Tests Settings**

none form-data x-www-form-urlencoded raw binary GraphQL

POST https://oliva.in.ua/my-account/

GET https://oliva.in.ua/

GET https://oliva.in.ua/wp-json/wp-

GET https://oliva.in.ua/wp-json/cor

POST https://oliva.in.ua/nginx\_pagesp

2 Cabinet open

3 Registration

POST https://oliva.in.ua/my-account

GET https://oliva.in.ua/my-account

GET https://oliva.in.ua/wp-json/wp-

GET https://oliva.in.ua/wp-json/cor

POST https://oliva.in.ua/nginx\_pagesp

4 Товари page

5 Код товару: Кв4-нп page

6 Put goods Kv4-np to cart

7 Send order

8 Log Out

Olivia\_API Dmitry Silayev's fo

# PERFORMANCE – 6. Requests set User registration options set

# PERFORMANCE

## 4. Loadium Convertor



# LOADIUM

Please choose a test type

Script Builder  
Use our UI to create HTTP, GET, POST, PUT, PATCH, HEAD and OPTIONS.

Gatling Test  
Upload & Run your existing script.

Convert to JMX

Select File Type      Upload File      Result

FILE WAS SUCCESSFULLY CONVERTED.  
Download JMX file or run JMeter test.

Cancel      Download JMX      Run Jmeter Test

Convert to JMX  
Convert your Postman, HAR, Pcap files to JMeter format.

JTL to Loadium Report  
Generate Loadium report from your JTL file.

A screenshot of a web browser window showing the Loadium Convertor interface. The URL in the address bar is 'loadium.io/new-test'. The main content area displays a 'Convert to JMX' dialog box with a green border. Inside the dialog, there is a large green checkmark icon and the text 'FILE WAS SUCCESSFULLY CONVERTED.' followed by 'Download JMX file or run JMeter test.' Below the dialog are three buttons: 'Cancel', 'Download JMX' (which is highlighted with a green border), and 'Run Jmeter Test'. In the background, there are other sections of the website: 'Script Builder' (with instructions for creating various types of tests), 'Gatling Test' (for uploading and running existing scripts), and 'Convert to JMX' (for converting Postman, HAR, and Pcap files to JMeter format). There is also a 'JTL to Loadium Report' section for generating reports from JTL files. The overall theme is performance testing, with a large orange arrow pointing down and the word 'LOADIUM' in red capital letters.

# PERFORMANCE - 5. Apache JMeter



Olivia\_JMeter.jmx (C:\Users\Dmitry\Desktop\Olivia\_JMeter.jmx) - Apache JMeter (5.5)

File Edit Search Run Options Tools Help

00:00:00 0/0 0/0

Olivia\_JMeter

Http URL/API Test

- Cookie Manager
- https://oliva.in.ua/
- https://oliva.in.ua/wp-json/wp-statistics/v2/hit?wp\_statistic\_id=1
- https://oliva.in.ua/wp-json/contact-form-7/v1/contact-form/1/
- https://oliva.in.ua/ngx\_pagespeed\_beacon?url=https%3A%2F%2Foliva.in.ua%2F
- https://oliva.in.ua/my-account/
- https://oliva.in.ua/wp-json/wp-statistics/v2/hit?wp\_statistic\_id=2
- https://oliva.in.ua/wp-json/contact-form-7/v1/contact-form/2/
- https://oliva.in.ua/ngx\_pagespeed\_beacon?url=https%3A%2F%2Foliva.in.ua%2F
- https://oliva.in.ua/shop/
- https://oliva.in.ua/wp-json/wp-statistics/v2/hit?wp\_statistic\_id=3
- https://oliva.in.ua/wp-json/contact-form-7/v1/contact-form/3/
- https://oliva.in.ua/ngx\_pagespeed\_beacon?url=https%3A%2F%2Foliva.in.ua%2F
- https://oliva.in.ua/shop/military-uniform/vijskova-forma/
- https://oliva.in.ua/wp-json/wp-statistics/v2/hit?wp\_statistic\_id=4
- https://oliva.in.ua/wp-json/contact-form-7/v1/contact-form/4/
- https://oliva.in.ua/ngx\_pagespeed\_beacon?url=https%3A%2F%2Foliva.in.ua%2F
- https://oliva.in.ua/shop/military-uniform/vijskova-forma/
- https://oliva.in.ua/checkout/
- https://oliva.in.ua/wp-json/wp-statistics/v2/hit?wp\_statistic\_id=5
- https://oliva.in.ua/wp-json/contact-form-7/v1/contact-form/5/
- https://oliva.in.ua/?wc-ajax=get\_refreshed\_fragments
- https://oliva.in.ua/ngx\_pagespeed\_beacon?url=https%3A%2F%2Foliva.in.ua%2F

Thread Group

Name: Http URL/API Test

Comments:

Action to be taken after a Sampler error:

Continue  Start Next Thread Loop  Stop Thread  Stop Test  Stop Test Now

Thread Properties

Number of Threads (users): 1

Ramp-up period (seconds): 1

Loop Count:  Infinite 1

Same user on each iteration

Delay Thread creation until needed

Specify Thread lifetime

Duration (seconds): 0

Startup delay (seconds): 0

# PERFORMANCE



Olivia\_Performance testing\_w-o log in.jmx (C:\Users\Dmitry\Desktop\Olivia\_Performance testing\_w-o log in.jmx) - Apache JMeter (5.5)

File Edit Search Run Options Tools Help

STOP 00:03:34 0 15/15

Summary Report

Name: Summary Report

Comments:

Write results to file / Read from file

Filename  Log/Display Only:  Errors  Successes  Configure

Label ↑	# Samples	Average	Min	Max	Std. Dev.	Error %	Throughput	Received KB/sec	Sent KB/sec	Avg. Bytes
1.1 Open web-si...	15	2653	1960	3171	391.54	26.67%	2.6/sec	361.14	1.26	141464.7
1.2 Statistics	15	2697	2204	3076	258.53	20.00%	2.3/sec	1.46	1.32	636.0
1.3 Contact-form	15	2332	1783	3006	393.35	6.67%	2.7/sec	3.26	1.08	1248.0
1.4 Pagespeed_b...	15	14	12	20	2.28	0.00%	5.6/sec	0.94	3.31	173.0
10.1 Put appropri...	11	2971	2577	3200	186.98	45.45%	52.2/min	129.45	0.81	152244.3
10.2 Transitionin...	1	7750	7750	7750	0.00	100.00%	7.7/min	17.68	0.22	140321.0
1 Open web-site...	15	7698	7433	8234	200.25	46.67%	1.2/sec	164.58	2.40	143521.7
2.1 Search acco...	15	2037	1717	2677	358.40	0.00%	2.8/sec	198.14	1.49	72339.3
2.2 Statistics	15	2755	2326	3224	289.30	26.67%	2.1/sec	1.33	1.59	636.0
2.3 Contact-form	15	2396	1653	3241	528.70	6.67%	2.3/sec	2.84	0.94	1248.0
2.4 Pagespeed_b...	15	14	11	22	2.58	0.00%	3.4/sec	0.57	2.20	173.0
2 Search accordi...	15	7203	6299	7702	347.51	33.33%	1.2/sec	84.32	2.70	74396.3
3.1.Transition to ...	30	1633	1476	1998	115.33	0.00%	11.4/min	13.28	0.10	71374.3
3.2.Statistics	30	1833	1611	2241	143.45	0.00%	11.4/min	0.12	0.12	636.0
3.3.Contact-form	30	1759	1604	2120	121.18	0.00%	11.4/min	0.23	0.08	1248.0
3.4.Pagespeed_...	30	23	12	92	20.33	0.00%	11.5/min	0.03	0.12	173.0
3 Transition to t...	30	5249	4856	5626	232.19	0.00%	10.6/min	12.70	0.38	73431.3
4.1 Transitionin...	30	1879	1699	2818	246.98	0.00%	11.5/min	24.11	0.10	128976.8
4.2 Statistics	30	1814	1647	2341	168.67	0.00%	11.5/min	0.12	0.13	636.0
4.3 Contact-for...	30	1793	1611	2131	134.20	0.00%	11.5/min	0.23	0.08	1248.0
4.4.Pagespeed_...	30	23	11	73	18.83	0.00%	11.6/min	0.03	0.12	173.0
4 Transitioning t...	30	5510	5092	6850	327.70	0.00%	10.7/min	22.73	0.39	131033.8
5.1 Transition to ...	30	1757	1553	2710	247.75	0.00%	11.4/min	16.80	0.10	90397.6
5.2 Statistics	30	1815	1608	2206	156.46	0.00%	11.4/min	0.12	0.12	636.0
5.3 Contact-form	30	1773	1599	2089	137.98	0.00%	11.4/min	0.23	0.08	1248.0
5.4.Pagespeed_b...	30	19	11	61	14.31	0.00%	11.6/min	0.03	0.12	173.0

Include group name in label?   Save Table Header

[Dashboard](#)

[Charts](#)

[Customs Graphs](#)

### Test and Report information

Source file	"jtlOliva5.jtl"
Start Time	"05/02/2023, 23:51"
End Time	"05/02/2023, 23:52"
Filter for display	""

### APDEX (Application Performance Index)

Apdex	T (Toleration threshold)	F (Frustration threshold)	Label
0.207	500 ms	1 sec 500 ms	Total
0.000	500 ms	1 sec 500 ms	3.3.Contact-form
0.000	500 ms	1 sec 500 ms	1.3 Contact-form
0.000	500 ms	1 sec 500 ms	6.3 Contact-form
0.000	500 ms	1 sec 500 ms	8.1 Transitioning to the goods "Код товару: Кк-k17" page
0.000	500 ms	1 sec 500 ms	2 Search according goods name "Кофта" _Transaction Controller

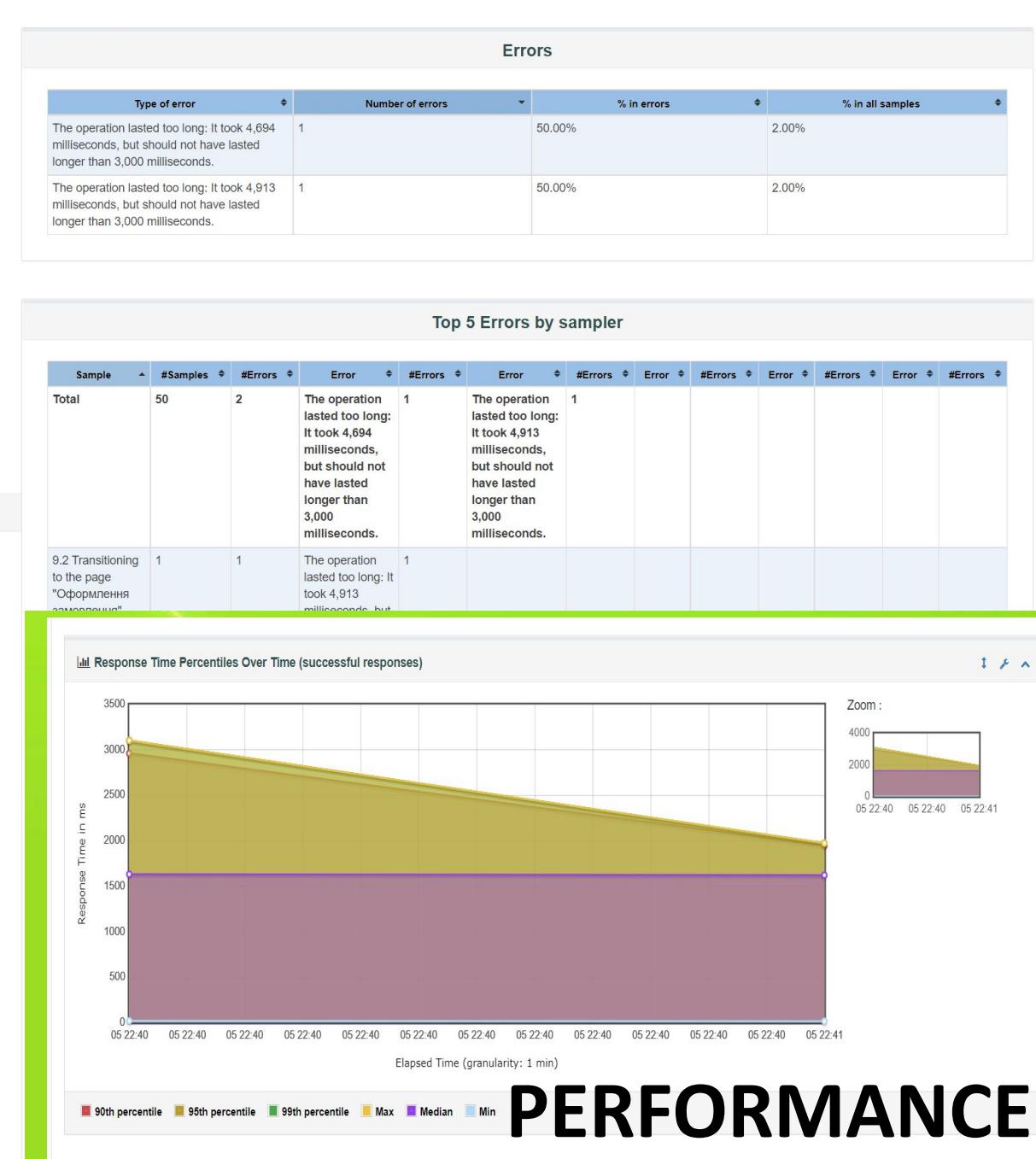
### Requests Summary

FAIL 4%

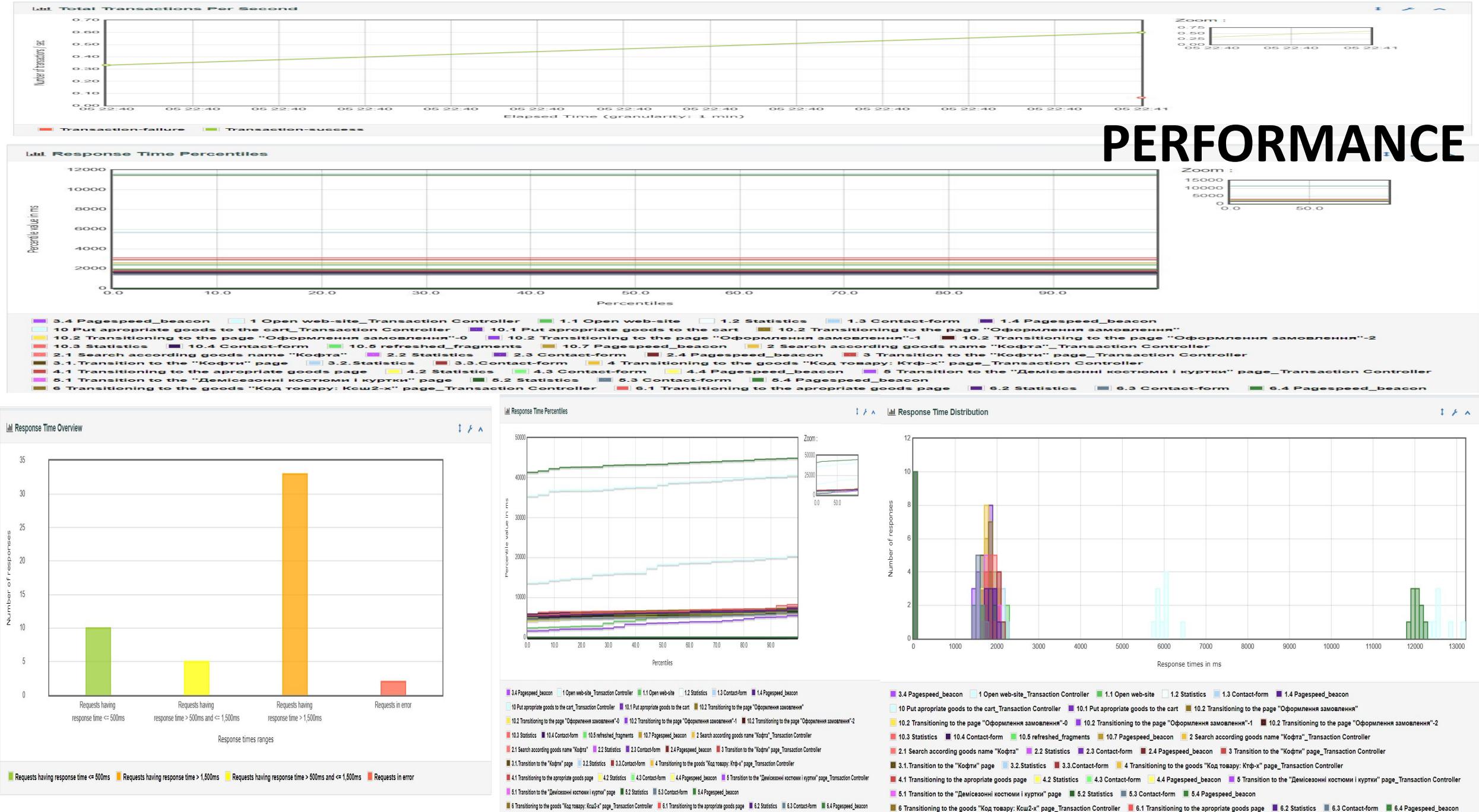
PASS 96%

### Statistics

Requests		Executions			Response Times (ms)									Throughput		Network (KB/sec)	
Label	#Samples	FAIL	Error %	Average	Min	Max	Median	90th pct	95th pct	99th pct	Transactions/s	Received	Sent	#Errors	Error		
Total	50	2	4.00%	1558.98	14	4913	1632.50	2578.30	3819.50	4913.00	0.62	22.85	0.38	2	The operation lasted too long: It took 4,694 milliseconds, but should not have lasted longer than 3,000 milliseconds.		
1 Open web-site_Transaction Controller	1	0	0.00%	5732.00	5732	5732	5732.00	5732.00	5732.00	5732.00	0.17	25.65	0.36	1	The operation lasted too long: It took 4,913 milliseconds, but should not have lasted longer than 3,000 milliseconds.		
1.1 Open web-site	1	0	0.00%	2392.00	2392	2392	2392.00	2392.00	2392.00	2392.00	0.42	60.64	0.20				
1.2 Statistics	1	0	0.00%	1680.00	1680	1680	1680.00	1680.00	1680.00	1680.00	0.60	0.37	0.33				
1.3 Contact-form	1	0	0.00%	1637.00	1637	1637	1637.00	1637.00	1637.00	1637.00	0.61	0.74	0.25				
1.4 Pagespeed_beacon	1	0	0.00%	23.00	23	23	23.00	23.00	23.00	23.00	43.48	7.35	25.90				
2 Search according goods name "Кофта" _Transaction Controller	1	0	0.00%	6460.00	6460	6460	6460.00	6460.00	6460.00	6460.00	0.15	12.07	0.36				
2.1 Search according goods name "Кофта"	1	0	0.00%	1727.00	1727	1727	1727.00	1727.00	1727.00	1727.00	0.58	44.00	0.31				
2.2 Statistics	1	0	0.00%	3104.00	3104	3104	3104.00	3104.00	3104.00	3104.00	0.32	0.20	0.24				
2.3 Contact-form	1	0	0.00%	1611.00	1611	1611	1611.00	1611.00	1611.00	1611.00	0.62	0.76	0.25				
2.4 Pagespeed_beacon	1	0	0.00%	18.00	18	18	18.00	18.00	18.00	18.00	55.56	9.39	36.19				
3 Transition to the "Кофти" page_Transaction Controller	1	0	0.00%	4878.00	4878	4878	4878.00	4878.00	4878.00	4878.00	0.21	15.83	0.44				
3.1 Transition to the "Кофти" page	1	0	0.00%	1628.00	1628	1628	1628.00	1628.00	1628.00	1628.00	0.61	46.19	0.31				

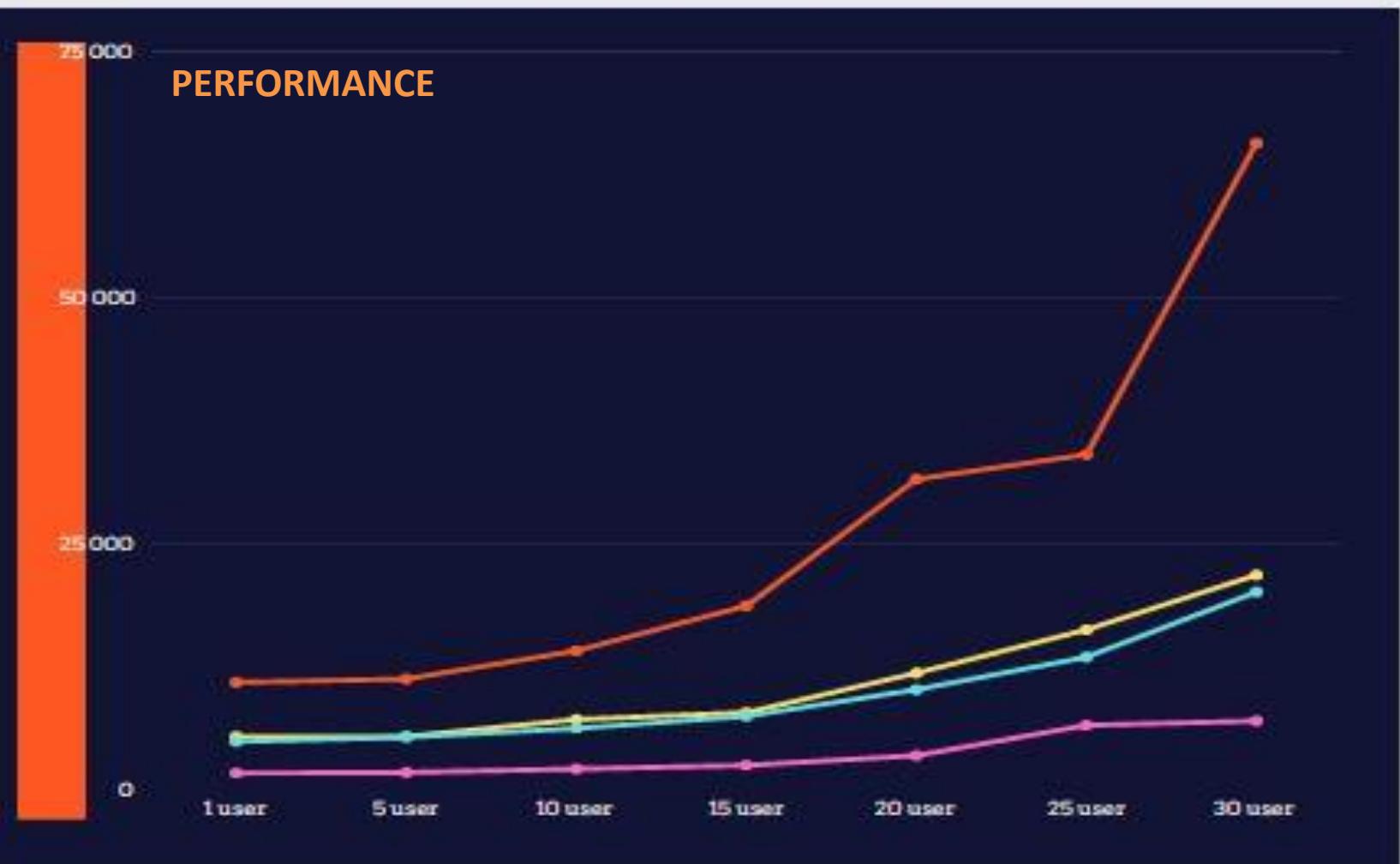


# PERFORMANCE



## Oliva web-site\_Load Test Analysis\_https://oliva.in.ua

90% Line	1 user	5 user	10 user	15 user	20 user	25 user	30 user
Request	1708	1777	2132	2501	3494	6576	7014
Transaction_Open web-site	5424	5426	7163	7868	11889	16293	21868
Transactions_Search & Transition	4921	5362	6262	7491	10203	13515	20139
Transaction_Put goods to the car	10945	11282	14154	18731	31615	34119	65793



## Oliva web-site\_Load Test Analysis\_https://oliva.in.ua

90% Line	1 user	5 user	10 user	15 user	20 user	25 user	30 user
1 Request	1708	1777	2132	2501	3494	6576	7014
2 Transaction_Open web-site	5424	5426	7163	7868	11889	16293	21868
3 Transactions_Search & Transition	4921	5362	6262	7491	10203	13515	20139
4 Transaction_Put goods to the car	10945	11282	14154	18731	31615	34119	65793
	1 user	Average	Median	90% Line	Min	Max	
1 Request	1708	1708	1708	1708	1708	1708	
2 Transaction_Open web-site	5424	5424	5424	5424	5424	5424	
3 Transactions_Search & Transition	4921	4921	4921	4921	4921	4921	
4 Transaction_Put goods to the car	10945	10945	10945	10945	10945	10945	
	5 user	Average	Median	90% Line	Min	Max	
1 Request	1777	1738	1777	1713	1295	1925	
2 Transaction_Open web-site	5426	5393	5426	5311	5098	5698	
3 Transactions_Search & Transition	5254	5180	5362	4998	5224	5624	
4 Transaction_Put goods to the car	11257	11205	11282	11095	11489	11489	
	10 user	Average	Median	90% Line	Min	Max	
1 Request	1943	1919	2132	1752	2188		
2 Transaction_Open web-site	6939	6985	7163	6601	7223		
3 Transactions_Search & Transition	5970	5993	6262	5505	6324		
4 Transaction_Put goods to the car	13895	13822	14154	13515	14046		
	15 user	Average	Median	90% Line	Min	Max	
1 Request	2037	1982	2501	1717	2677		
2 Transaction_Open web-site	7098	7025	7868	7033	8234		
3 Transactions_Search & Transition	7203	7262	7491	6299	7702		
4 Transaction_Put goods to the car	17395	17582	18731	14851	19071		
	20 user	Average	Median	90% Line	Min	Max	
1 Request	3117	3105	3494	2575	3598		
2 Transaction_Open web-site	10941	10908	11889	8958	12373		
3 Transactions_Search & Transition	9727	9681	10203	9036	10801		
4 Transaction_Put goods to the car	30118	30379	31615	25200	32155		
	25 user	Average	Median	90% Line	Min	Max	
1 Request	4805	4619	6576	2329	7004		
2 Transaction_Open web-site	14560	14325	16293	11542	17167		
3 Transactions_Search & Transition	12583	12875	13515	10905	13875		
4 Transaction_Put goods to the car	32028	32346	34119	27404	35398		
	30 user	Average	Median	90% Line	Min	Max	
1 Request	6312	6281	7014	5422	7907		
2 Transaction_Open web-site	17692	17705	21868	11010	23810		
3 Transactions_Search & Transition	18102	17730	20139	15170	21078		
4 Transaction_Put goods to the car	54770	56161	65793	38060	66332		

# Security test ZAP Scanning Report

19.01.2023, 00:06

ZAP Scanning Report



## ZAP Scanning Report

Виконав група 3Н45

Sites: <http://oliva.in.ua> <https://oliva.in.ua>

Generated on cp, 18 січ. 2023 16:34:25

### Summary of Alerts

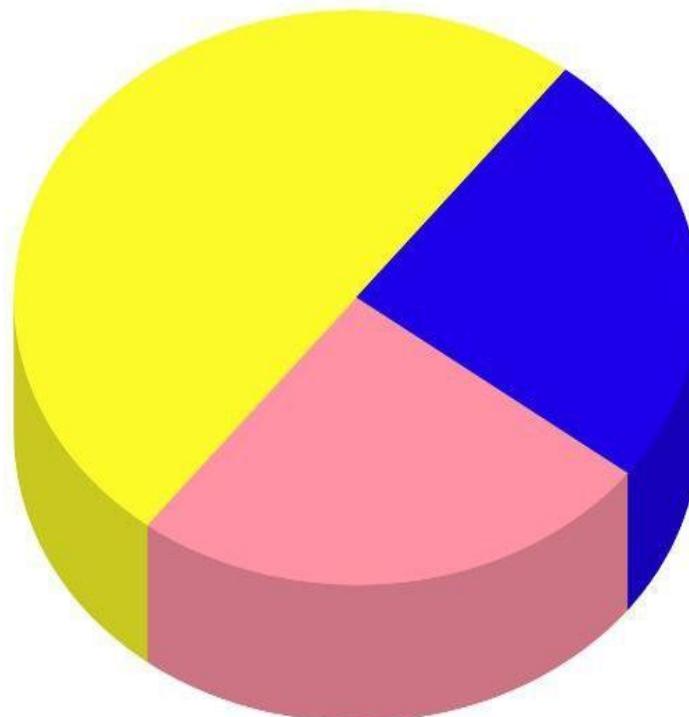
Risk Level	Number of Alerts
High	0
Medium	4
Low	8
Informational	4
False Positives:	0

### Оповіщення

Name	Risk Level	Number of Instances
Absence of Anti-CSRF Tokens	Medium	5740
Content-Security-Policy (CSP) Header Not Set	Medium	1453
Missing Anti-clickjacking Header	Medium	1406
Vulnerable JS Library	Medium	1
Application Error Disclosure	Low	2
Cookie No HttpOnly Flag	Low	1898
Cookie Without Secure Flag	Low	4098
Cookie without SameSite Attribute	Low	4102
Cross-Domain JavaScript Source File Inclusion	Low	7210
Strict-Transport-Security Header Not Set	Low	2034
Timeouting Disclosure - Unix	Low	8798
X-Content-Type-Options Header Missing	Low	2463
Information Disclosure - Suspicious Comments	Informational	1495
Modern Web Application	Informational	1572
Re-examine Cache-control Directives	Informational	1092
User Controllable HTML Element Attribute (Potential XSS)	Informational	4219

## SUMMARY OF ALERT

### RISK LEVEL



- HIGH 0
- MEDIUM 4
- LOW 8
- INFORMATIONAL 4
- FALSE POSITIVES 0

10.21.2020, 09:04

ZAP Scanner Report

	<b>Phase: Implementation</b>
Check the HTTP Referer header to see if the request originated from an expected page. This could break legitimate functionality, because users or proxies may have disabled sending the Referer for privacy reasons.	

Medium	<b>Content Security Policy (CSP) Header Not Set</b>
Description	Content Security Policy (CSP) is an added layer of security that helps to detect and mitigate certain types of attacks, including Cross Site Scripting (XSS) and data injection attacks. These attacks are used for everything from data theft to site defacement or distribution of malware. CSP provides a set of standard HTTP headers that allow website owners to declare approved sources of content that browsers should be allowed to load on that page — covered types are JavaScript, CSS, HTML, frames, fonts, images and embeddable objects such as Java applets, ActiveX, audio and video files.
Solution	Ensure that your web server, application server, load balancer, etc. is configured to set the Content-Security-Policy header, to achieve optimal browser support: "Content-Security-Policy" for Chrome 25+, Firefox 23+ and Safari 7+, "X-Content-Security-Policy" for Firefox 4.0+ and Internet Explorer 10+, and "X-WebKit-CSP" for Chrome 14+ and Safari 6+.

Medium	<b>Missing Anti-clickjacking Header</b>
Description	The response does not include either Content-Security-Policy with 'frame-ancestors' directive or X-Frame-Options to protect against 'ClickJacking' attacks.
Solution	Modern Web browsers support the Content-Security-Policy and X-Frame-Options HTTP headers. Ensure one of them is set on all web pages returned by your site/app.  If you expect the page to be framed only by pages on your server (e.g. it's part of a FRAMESET) then you'll want to

	use SAMEORIGIN, otherwise if you never expect the page to be framed, you should use DENY. Alternatively consider implementing Content Security Policy's "frame-ancestors" directive.
--	--

Medium	<b>Vulnerable JS Library</b>
Description	The identified library jquery, version 2.2.0 is vulnerable.
Solution	Please upgrade to the latest version of jquery.

Low	<b>Application Error Disclosure</b>
Description	This page contains an error/warning message that may disclose sensitive information like the location of the file that produced the unhandled exception. This information can be used to launch further attacks against the web application. The alert could be a false positive if the error message is found inside a documentation page.
Solution	Review the source code of this page. Implement custom error pages. Consider implementing a mechanism to provide a unique error reference/identifier to the client (browser) while logging the details on the server side and not exposing them to the user.

Low	<b>Cookie No HttpOnly Flag</b>
Description	A cookie has been set without the HttpOnly flag, which means that the cookie can be accessed by JavaScript. If a malicious script can be run on this page then the cookie will be accessible and can be transmitted to another site. If this is a session cookie then session hijacking may be possible.
Solution	Ensure that the HttpOnly flag is set for all cookies.

Low	<b>Cookie Without Secure Flag</b>
Description	A cookie has been set without the secure flag, which means

	<b>Timestamp Disclosure - Unix</b>
Description	A timestamp was disclosed by the application/web server - Unix
Solution	Manually confirms that the timestamp data is not sensitive, and that the data cannot be aggregated to disclose exploitable patterns.

Low	<b>X-Content-Type-Options Header Missing</b>
Description	The Anti-MIME-Sniffing header X-Content-Type-Options was not set to 'nosniff'. This allows older versions of Internet Explorer and Chrome to perform MIME-sniffing on the response body, potentially causing the response body to be interpreted and displayed as a content type other than the declared content type. Current (early 2014) and legacy versions of Firefox will use the declared content type (if one is set), rather than performing MIME-sniffing.
Solution	Ensure that the application/web server sets the Content-Type header appropriately, and that it sets the X-Content-Type-Options header to 'nosniff' for all web pages.

Informational	<b>Information Disclosure - Suspicious Comments</b>
Description	The response appears to contain suspicious comments which may help an attacker. Note: Matches made within script blocks or files are against the entire content not only comments.
Solution	Remove all comments that return information that may help an attacker and fix any underlying problems they refer to.

Informational	<b>Modern Web Application</b>
Description	The application appears to be a modern web application. If

# EXAMPLE

## Security test ZAP Scanning Report

## TECHNICAL REPORT OF THE SCANNING ENGINES

Generated automatically on 01/17/2023 at 23:47:00 (UTC)  
by Website Security Scanning Monitor  
H-X Technologies. Monitor version 6.1.14.



Target object: website <https://oliva.in.ua>

Date and time of request: 18.01.2023 at 01:14:44 (Europe/Kiev time zone)

Customer: Volodymyr ([andruh131090@gmail.com](mailto:andruh131090@gmail.com)) Group 3#45

IP address of the customer: 93.171.247.158

### Resume

Automatic scanning revealed the following number of real and potential technical vulnerabilities 5 in 15 instances. This chart shows the number of vulnerabilities at different risk levels:

### SUMMARY OF ALERT

#### RISK LEVEL



#	Website	Vulnerability Name	Count	Risk Level	Weighted Risk
1	<a href="https://oliva.in.ua">https://oliva.in.ua</a>	Content-Security-Policy (CSP) Header Not Set	3	Medium	6%
2	<a href="https://oliva.in.ua">https://oliva.in.ua</a>	Sub Resource Integrity Attribute Missing	3	Medium	6%
3	<a href="https://oliva.in.ua">https://oliva.in.ua</a>	Strict-Transport-Security Header Not Set	3	Low	3%
4	<a href="https://oliva.in.ua">https://oliva.in.ua</a>	Permissions Policy Header Not Set	3	Low	2%
5	<a href="https://oliva.in.ua">https://oliva.in.ua</a>	Non-Storable Content	3	Informational	2%

Conclusions regarding the security of the target object: the website <https://oliva.in.ua> is potentially **VULNERABLE!**

Technical vulnerabilities lead to unauthorized access, compromise, website shutdown, leakage of confidential information and other security incidents.

## TECHNICAL REPORT OF THE SCANNING ENGINES

Vulnerability Name (ID)	Content Security Policy (CSP) Header Not Set (10038)
Risk Level Confidence	Medium
Weighted Risk Level Confidence Description	High 69%
Description	Content Security Policy (CSP) is an added layer of security that helps to detect and mitigate certain types of attacks, including Cross Site Scripting (XSS) and data injection attacks. These attacks are used for everything from data theft to site defacement or distribution of malware. CSP provides a set of standard HTTP headers that allow website owners to declare approved sources of content that browsers should be allowed to load on that page — covered types are JavaScript, CSS, HTML frames, fonts, images, and embeddable objects such as Java applets, ActiveX, audio and video files.
Instances of Vulnerability	<p>URI: https://oliva.in.ua</p> <p>Method: GET</p> <p>Parameter: attack</p> <p>Evidence: <code>&lt;link href="https://fonts.googleapis.com/css?family=Open+Sans:400,700&amp;subset=latin,cyrillic" rel="stylesheet" type="text/css"&gt;</code></p> <p>URI: https://oliva.in.ua/robots.txt</p> <p>Method: GET</p> <p>Parameter: attack</p> <p>Evidence: <code>&lt;link href="https://fonts.googleapis.com/css?family=Open+Sans:400,700&amp;subset=latin,cyrillic" rel="stylesheet" type="text/css"&gt;</code></p> <p>URI: https://oliva.in.ua/sitemap.xml</p> <p>Method: GET</p> <p>Parameter: attack</p> <p>Evidence: <code>&lt;link href="https://fonts.googleapis.com/css?family=Open+Sans:400,700&amp;subset=latin,cyrillic" rel="stylesheet" type="text/css"&gt;</code></p>
Count	3
Solution	Ensure that your web server, application server, load balancer, etc. is configured to set the Content-Security-Policy header, to achieve optimal browser support. "Content-Security-Policy" for Chrome 25+, Firefox 23+ and Safari 7+, "X-Content-Security-Policy" for Firefox 4.0+ and Internet Explorer 10+, and "X-WebKit-CSP" for Chrome 14+ and Safari 6+.
Other information	<a href="https://developer.mozilla.org/en-US/docs/Web/HTTP/Headers/Content-Security-Policy">https://developer.mozilla.org/en-US/docs/Web/HTTP/Headers/Content-Security-Policy</a> <a href="https://cheatsheetseries.owasp.org/cheatsheets/Content_Security_Policy_Cheat_Sheet.html">https://cheatsheetseries.owasp.org/cheatsheets/Content_Security_Policy_Cheat_Sheet.html</a> <a href="http://www.w3.org/TR/CSP">http://www.w3.org/TR/CSP</a> <a href="http://w3c.github.io/webappsec/specs/content-security-policy/csp-specification-dev.html">http://w3c.github.io/webappsec/specs/content-security-policy/csp-specification-dev.html</a> <a href="http://www.html-tricks.com/html/security/content-security-policy/">http://www.html-tricks.com/html/security/content-security-policy/</a> <a href="http://caniuse.com/#search=contentsecuritypolicy">http://caniuse.com/#search=contentsecuritypolicy</a> <a href="http://content-security-policy.com/">http://content-security-policy.com/</a>
CWE ID	693 - <a href="https://cwe.mitre.org/data/definitions/693.html">https://cwe.mitre.org/data/definitions/693.html</a>
WASC ID	15
Vulnerability Name (ID)	Sub Resource Integrity Attribute Missing (90003)
Risk Level Confidence	Medium
Weighted Risk Level Confidence Description	High 69%

Risk Level Confidence Description	High
Description	The integrity attribute is missing on a script or link tag served by an external server. The integrity prevents an attacker who have gained access to this server from injecting a malicious content.
Instances of Vulnerability	<p>URI: https://oliva.in.ua</p> <p>Method: GET</p> <p>Parameter: attack</p> <p>Evidence: <code>&lt;link href="https://fonts.googleapis.com/css?family=Open+Sans:400,700&amp;subset=latin,cyrillic" rel="stylesheet" type="text/css"&gt;</code></p> <p>URI: https://oliva.in.ua/robots.txt</p> <p>Method: GET</p> <p>Parameter: attack</p> <p>Evidence: <code>&lt;link href="https://fonts.googleapis.com/css?family=Open+Sans:400,700&amp;subset=latin,cyrillic" rel="stylesheet" type="text/css"&gt;</code></p> <p>URI: https://oliva.in.ua/sitemap.xml</p> <p>Method: GET</p> <p>Parameter: attack</p> <p>Evidence: <code>&lt;link href="https://fonts.googleapis.com/css?family=Open+Sans:400,700&amp;subset=latin,cyrillic" rel="stylesheet" type="text/css"&gt;</code></p>
Count	3
Solution	Provide a valid integrity attribute to the tag.
Other information	<a href="https://developer.mozilla.org/en/docs/Web/Security/Subresource_Integrity">https://developer.mozilla.org/en/docs/Web/Security/Subresource_Integrity</a> <a href="https://cwe.mitre.org/data/definitions/345.html">https://cwe.mitre.org/data/definitions/345.html</a>
Reference	<a href="https://cwe.mitre.org/data/definitions/345.html">https://cwe.mitre.org/data/definitions/345.html</a>
CWE ID	345 - <a href="https://cwe.mitre.org/data/definitions/345.html">https://cwe.mitre.org/data/definitions/345.html</a>
WASC ID	15
Vulnerability Name (ID)	Permissions Policy Header Not Set (10063-1)
Risk Level Confidence	Low
Weighted Risk Level Confidence Description	Medium 25%
Description	Permissions Policy Header is an added layer of security that helps to restrict from unauthorized access or usage of browser/client features by web resources. This policy ensures the user privacy by limiting or specifying the features of the browser can be used by the web resources.
Instances of Vulnerability	<p>URI: https://oliva.in.ua</p> <p>Method: GET</p> <p>Parameter: attack</p> <p>Evidence: <code>&lt;link href="https://oliva.in.ua/robots.txt" type="text/plain"&gt;</code></p> <p>URI: https://oliva.in.ua/robots.txt</p> <p>Method: GET</p> <p>Parameter: attack</p> <p>Evidence: <code>&lt;link href="https://oliva.in.ua/robots.txt" type="text/plain"&gt;</code></p> <p>URI: https://oliva.in.ua/sitemap.xml</p> <p>Method: GET</p> <p>Parameter: attack</p> <p>Evidence: <code>&lt;link href="https://oliva.in.ua/robots.txt" type="text/plain"&gt;</code></p>
Count	3
Solution	Ensure that your web server, application server, load balancer, etc. is configured to enforce Strict-Transport-Security.
Other information	<a href="https://cheatsheetseries.owasp.org/cheatsheets/HTTP_Strict_Transport_Security_Cheat_Sheet.html">https://cheatsheetseries.owasp.org/cheatsheets/HTTP_Strict_Transport_Security_Cheat_Sheet.html</a>

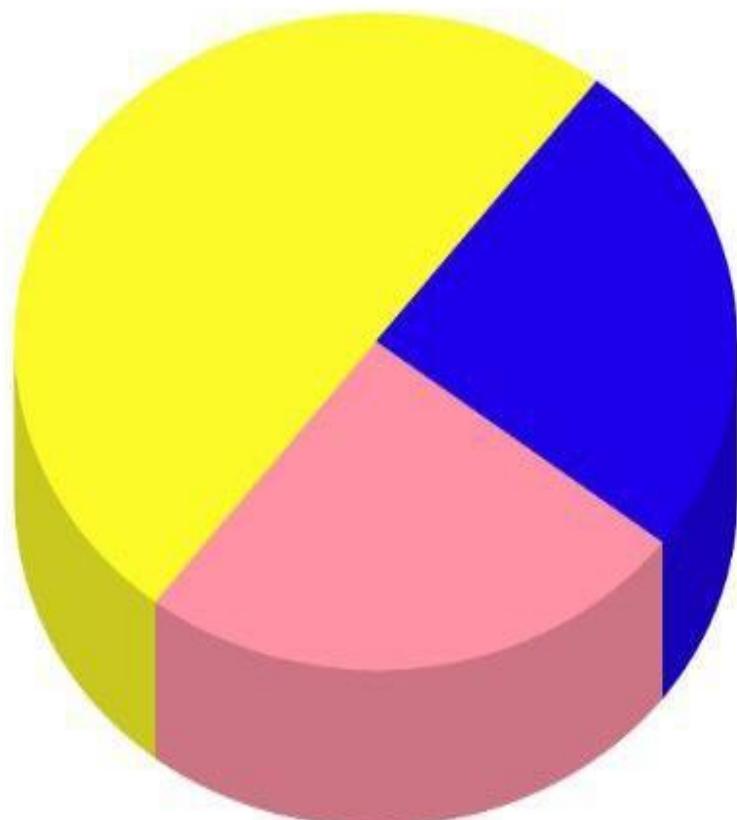
Parameter	
attack	
Evidence	<code>&lt;link href="https://oliva.in.ua/robots.txt" type="text/plain"&gt;</code>
URI	https://oliva.in.ua/robots.txt
Method	GET
Parameter	
attack	
Evidence	<code>&lt;link href="https://oliva.in.ua/robots.txt" type="text/plain"&gt;</code>
URI	https://oliva.in.ua/robots.txt
Method	GET
Count	3
Solution	Ensure that your web server, application server, load balancer, etc. is configured to set the Permissions-Policy header.
Other information	<a href="https://developer.mozilla.org/en-US/docs/Web/HTTP/Headers/Feature-Policy">https://developer.mozilla.org/en-US/docs/Web/HTTP/Headers/Feature-Policy</a> <a href="https://developer.mozilla.org/en-US/docs/Web/HTTP/Headers/Permissions-Policy">https://developer.mozilla.org/en-US/docs/Web/HTTP/Headers/Permissions-Policy</a> <a href="https://scorchedme.co.uk/a-new-security-header-feature-policy/">https://scorchedme.co.uk/a-new-security-header-feature-policy/</a> <a href="https://w3c.github.io/webappsec-feature-policy/">https://w3c.github.io/webappsec-feature-policy/</a> <a href="https://www.washingtonpost.com/2018/12/feature-policy/">https://www.washingtonpost.com/2018/12/feature-policy/</a>
Reference	<a href="https://developer.mozilla.org/en-US/docs/Web/Security/Subresource_Integrity">https://developer.mozilla.org/en-US/docs/Web/Security/Subresource_Integrity</a>
CWE ID	693 - <a href="https://cwe.mitre.org/data/definitions/693.html">https://cwe.mitre.org/data/definitions/693.html</a>
WASC ID	15
Vulnerability Name (ID)	Strict-Transport-Security Header Not Set (10053)
Risk Level Confidence	Low
Weighted Risk Level Confidence Description	High 36%
Description	HTTP Strict Transport Security (HSTS) is a web security policy mechanism whereby a web server declares that complying user agents (such as a web browser) are to interact with it using only secure HTTPS connections (i.e. HTTP layered over TLS/SSL). HSTS is an IETF standards track protocol and is specified in RFC 6797.
Instances of Vulnerability	<p>URI: https://oliva.in.ua</p> <p>Method: GET</p> <p>Parameter: attack</p> <p>Evidence: <code>&lt;link href="https://oliva.in.ua/robots.txt" type="text/plain"&gt;</code></p> <p>URI: https://oliva.in.ua/robots.txt</p> <p>Method: GET</p> <p>Parameter: attack</p> <p>Evidence: <code>&lt;link href="https://oliva.in.ua/robots.txt" type="text/plain"&gt;</code></p> <p>URI: https://oliva.in.ua/sitemap.xml</p> <p>Method: GET</p> <p>Parameter: attack</p> <p>Evidence: <code>&lt;link href="https://oliva.in.ua/robots.txt" type="text/plain"&gt;</code></p>
Count	3
Solution	Ensure that your web server, application server, load balancer, etc. is configured to enforce Strict-Transport-Security.
Other information	<a href="https://cheatsheetseries.owasp.org/cheatsheets/HTTP_Strict_Transport_Security_Cheat_Sheet.html">https://cheatsheetseries.owasp.org/cheatsheets/HTTP_Strict_Transport_Security_Cheat_Sheet.html</a>

# EXAMPLE

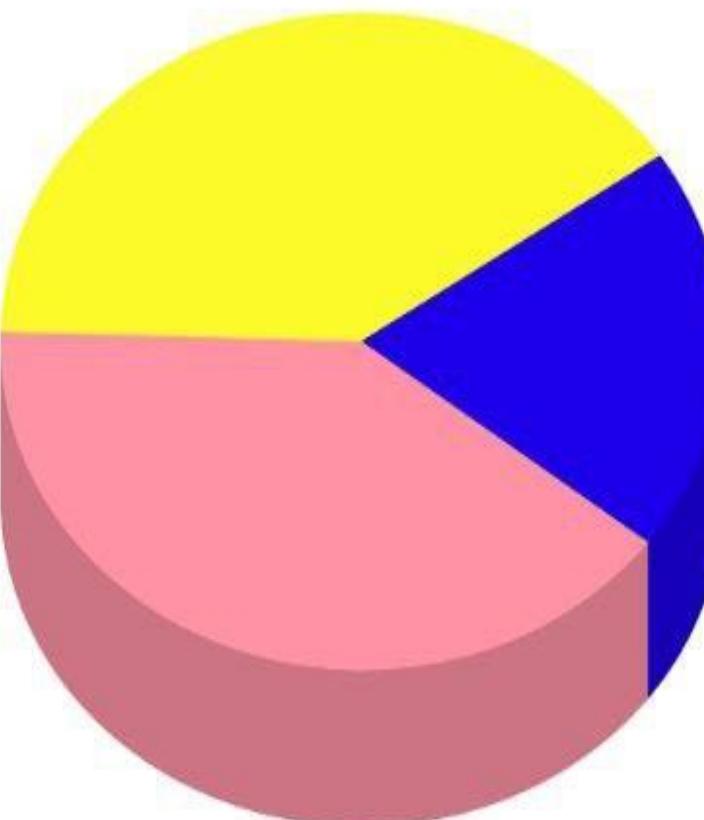
# Security test H-X Technologies Scanning Report

# COMPARISON OF DIAGRAMS (RISK LEVEL)

ZAP SCANING



H-X TECHNOLOGIES



- █ HIGH
- █ MEDIUM
- █ LOW
- █ INFORMATIONAL
- █ FALSE POSITIVES

# AUTOMATION TESTING

## SELENIUM IDE

### Use Case

ID	1
Name	Put item to the cart using the Selenium IDE automation test.
Short Description	User chooses a product item and puts it to the cart to order.
Goal	Check how the system works with the operation of choosing product and putting it to the cart
Precondition	The user is opening the main page, goes to "Товари" page and opens "Військова форма (піксель)" product item. Choose the size 44 and increase its quantity to 3 and click the "Купити" button.
Success Conditions	All operations are working. Choosing a product item works by opening a detailed product page. Increasing the product quantity button works correctly and changes the quantity of product. By clicking the "Купити" button the product appears in the cart. The total order price is shown according to the chosen quantity.
Fault Condition	Selenium IDE can't find checkpoints.
Participants	Guest website User.
Dependencies	More than 30 Users making the order at one time. No stable internet connection.
Normal Flow	<ol style="list-style-type: none"> <li>1. Guest User opens the main website page Oliva.in.ua.</li> <li>2. User opens "Товари" page</li> <li>3. User chooses "Військова форма (піксель)" product detail page</li> <li>4. User chooses product size "44"</li> <li>5. User Increases product quantity from "1" to "3"</li> <li>6. Clicks on "Купити" button</li> <li>7. Cart checkout. Check the total price which is shown in the cart.</li> </ol>
Includes	Previous Log Out and deleting items from the cart if they were added to the cart before this session
Frequency of Use	About 1-2 times per day.
Notes and Issues	This flow should test on Chrome



Project: Oliva\_in\_ua

Tests + D E □ ○

Search tests... https://oliva.in.ua

Command	Target	Value
1 ✓ open	/	
2 ✓ set window size	1273x716	
3 ✓ click	linkText=- Військова форма	
4 ✓ click	css=.post-9118.attachment-woocommerce_thumbnail	
5 ✓ click	css=select_option_label:nth-child(1) > span	
6 ✓ click	css=.plus	
7 ✓ click	css=.plus	
8 ✓ click	css=.single_add_to_cart_button:nth-child(4)	
9 ✓ close		

Redirect to Instagram

Command //

Target

Value

Description

Log Reference

6. click on css=.plus OK

7. click on css=.plus OK

8. click on css=.single\_add\_to\_cart\_button:nth-child(4) OK

9. close OK

'Put item to the cart and cart updating' completed successfully

13:42:33  
13:42:34  
13:42:35  
13:42:36  
13:42:36



# *Demonstration Selenium IDE Automation Testing*



**!!! WOW :))))**

*This is a wonderful result*

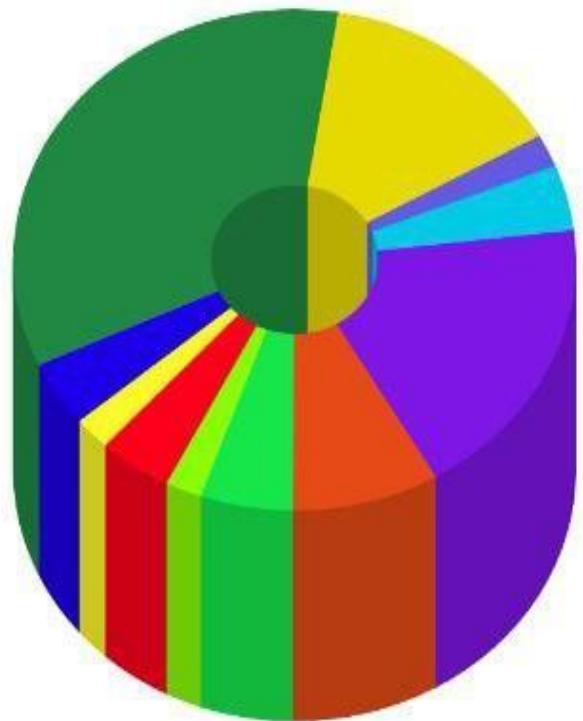
*Estimated total time 378 hours*

## **SUMMARY OF ACTIVITIES**

Task name	Start	Finish	Estimation, hours
Exploring the testing product and Mind Map creating	10.01.2023	15.01.2023	8
Writing requirements	16.01.2023	21.01.2023	16
Requirement Analysis	21.01.2023	23.01.2023	8
Test Plan Writing	23.01.2023	26.01.2023	16
Requirement Traceability Matrix Creation	21.01.2023	23.01.2023	130
Test cases creation	23.01.2023	27.01.2023	54
Test Execution	27.01.2023	28.01.2023	8
Bug reports writing	27.01.2023	05.02.2023	16
API, Performance, Automation testing, Security testing	31.01.2023	04.02.2023	70
Test summary report writing	05.02.2023	07.02.2023	32
Test result presentation	05.01.2023	08.02.2023	20
Estimated total time:			<b>378</b>

# SUMMARY OF ACTIVITIES

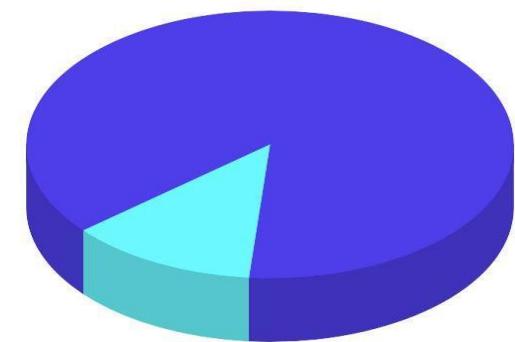
Estimated total time  
378h



- Exploring the testing product and Mind Map creating 8h
- Writing requirements 16h
- Requirement Analysis 8h
- Test Plan Writing 16h
- Requirement Traceability Matrix Creation 130h
- Test cases creation 54h
- Test Execution 8h
- Bug reports writing 16h
- API, Performance, Automation testing, Security testing 70h
- Test summary report writing 32h
- Test result presentation 20h

## REQUIREMENTS

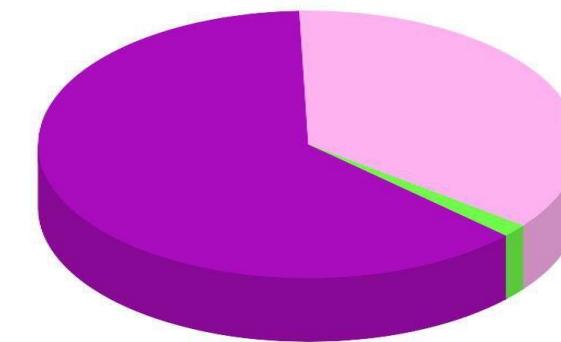
ALL REQUIREMENTS  
128



FUNCTIONAL 112  
NONFUNCTIONAL 16

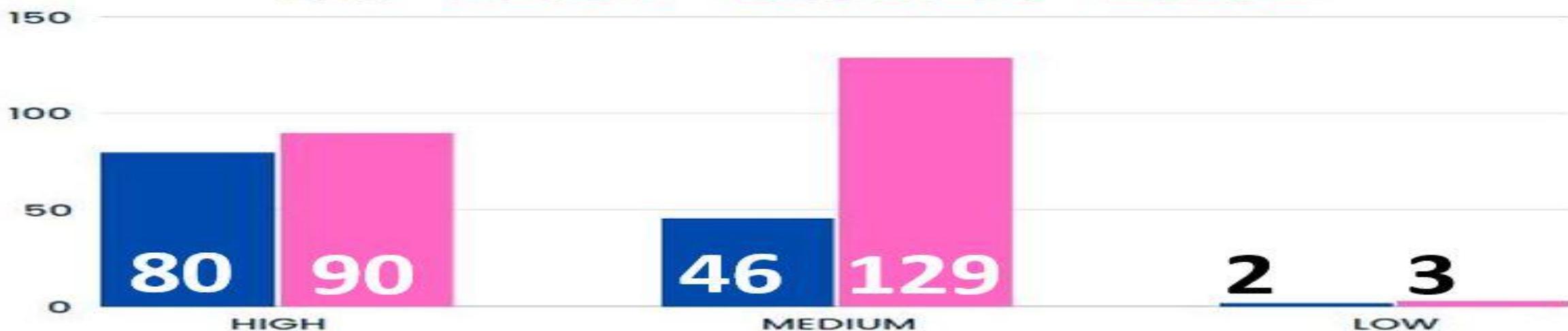
## REQUIREMENTS PRIORITY

ALL REQUIREMENTS  
128



HIGH 80  
MEDIUM 46  
LOW 2

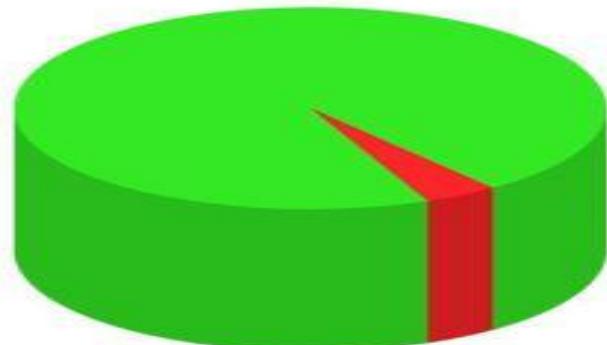
**REQUIREMENTS=128  
TO TEST CASES=222**



## TEST CASES 222

EXECUTED 222

PASSED 213  
FAILED 9

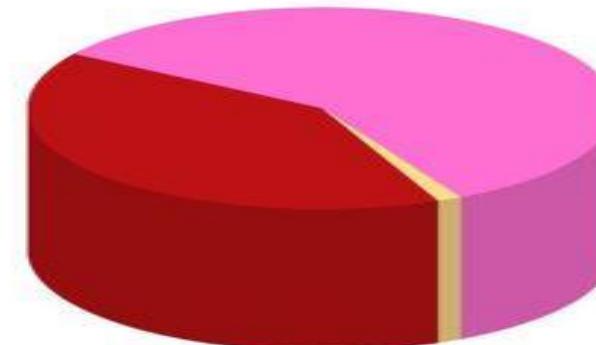


DESIGNED	EXECUTED	PASSED	FAILED
222	222	213	9

## TEST CASES PRIORITY

DESIGNED 222

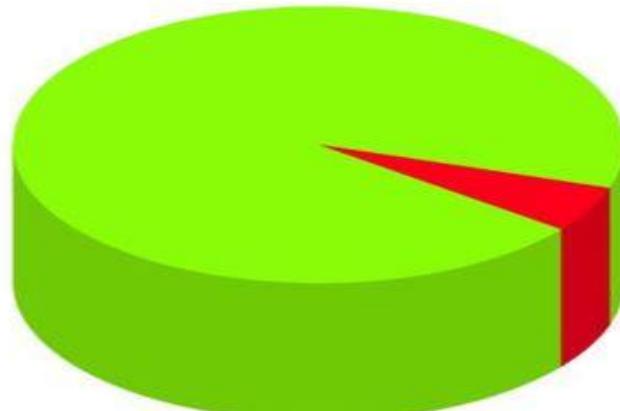
HIGH 90  
MEDIUM 129  
LOW 3



DESIGNED	HIGH	MEDIUM	LOW
222	90	129	3

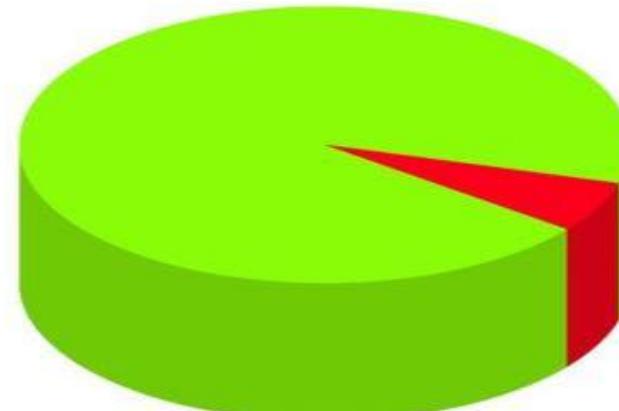
## COMPARISON OF DIAGRAMS (Checklist)

Checklist \_Functional



DESIGNED	EXECUTED	PASSED	FAILED
37	37	35	2

Checklist \_GUI



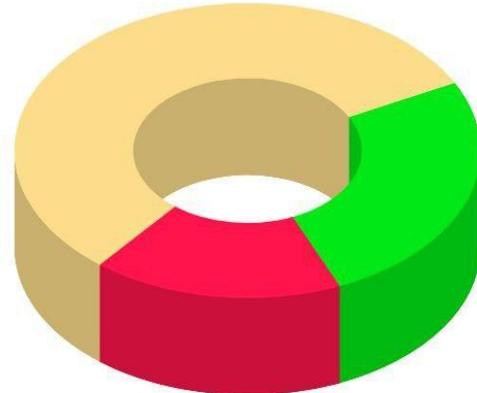
DESIGNED	EXECUTED	PASSED	FAILED
134	134	126	8

PASSED  
FAILED

# BUGS PRIORITY

ALL BUGS 23

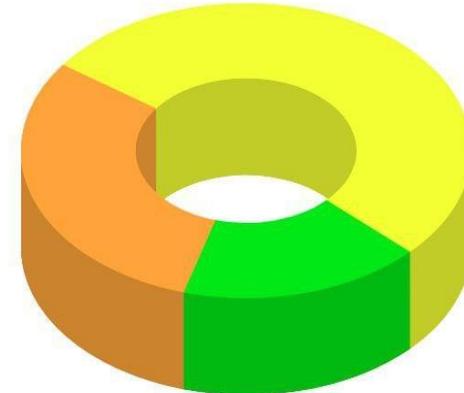
- HIGH 4
- MEDIUM 13
- LOW 6



# BUGS SEVERITY

ALL BUGS 23

- MAJOR 7
- MINOR 12
- LOW 4



The most interesting Super Bugs

Test Case ID	Description	Defect
1 Bug-1	The system does not provide user the opportunity to search for the product by typing its code.	"Товарів, відповідних вашому запиту, не знайдено." is shown.
2 Bug-5	Incorrect work of the Filter "Сезон" at the "Товари" page	There is incorrect work of Season filter. There are 2 filters "Літо" and 2 filters "Осінь" displayed. Check the Attachment.
3 Bug-13	Absent prices on the product items which are shown as available with "Купити" button.	There are no prices on the product items which are shown as available with "Купити" button.
4 Bug-16	Incorrect work of Sorting filters	When product items are sorted there are products shown added to the list which are not available
5 Bug-17	Images of the top selling products on "Головна" page are incorrectly aligned	The images on the main page are incorrectly aligned.
6 Bug-23	Absent button's name "Адреси" of the "Адреси" section in "Особистий кабінет" page and its incorrect displaying.	The button's name "Адреси" is absent and clicking on the empty place between "Завантаження" and "Профіль" buttons the system displays the payment address information.

## Test deliverables

- Mind Map
- Software Requirements Specification
- Test plan
- Requirements Traceability matrix
- Test cases
- Check-lists
- Bug reports
- Use-cases
- API testing collection documentation
- Performance Testing Report
- Security Testing Report
- Test summary report



# **Recommended Improvements**

## **As a result of testing, we recommend the following**

**Recommended Improvements As a result of testing, we recommend the following**

- Fix bugs according bug-reports**
- Improve site security according security report**
- Improve Performance to decrease response time**
- Improve sorting function to exclude not available goods**
- we understand that the russian language is necessary for SEO promotion of the site in the eastern part of Ukraine. We recommend removing the flag and replacing the word "русский" with RU.**



**For the presentation, we choose green summer color because we wanted to share positive emotions**





Our charts & graphics are like cakes and donuts, so everyone who will hire us, will feel how sweet cooperation with us