

Проект 100Carrots

Евгения Бояренко

1. Introduction

100carrots is an application that allows you to earn money by answering questions and buying jewelry with the money you earned.

The audience is private sector, people who want to improve their knowledge and earn money to buy jewelry.

This document describes all the information.

2. Scope of work

2.1 Components and functions to be tested

#	Application/ component name	Function name	Reference/Comment
1	100Carrots	Home Page	
2		Tab icon and title	
3		Sign up	
4		Sign in	
5		Earn	
6		Store	
7		Overview	

2.2 Components and functions not to be tested

#	Application/ component name	Function name	Reference/Comment
1	-	-	-

2.3 Third-party components

#	Component name	Component role	Reference/Comment
1	Telegram	Place for communicate with the team	
2	Jira	Place to record bugs	

Документация Тест-план

3. Quality and acceptance criteria

- 3 defects with low priority (visual) are allowed
- Acceptance criteria: more than 95% of the bugs found during the previous iteration have been fixed.

4. Critical success factors

Availability of access:

- to the Internet
- Jira

Successful communication with the customer.

5. Risk management

Risk	Probability	Impact	Actions
Personel (<u>illness</u> , <u>dismissal</u>)	M	<u>Delays in project implementation</u>	Recruitment of new people to the team
Time	H	Late fulfillment of the terms of the contract with the Customer	It is recommended to perform step-by-step tasks before the established deadlines
<u>Lack of Internet</u>	VH	<u>Project suspension</u>	Set up a VPN for team access

Legend:

VH – Very High

H – High

M – Medium

L - Low

Тест-план

6. Resources

6.1 Key project resources

#	Project Role	Name, e-mail, location
1	Manager	Maria, Maria.sobol20@gmail.com , Belarus , Minsk

6.2 Test team

#	Project Role	Name	Location	Responsibilities
	QA-Engineer	Tatsiana Dzerabina	Poland, Warsaw	Creating Test Plan, Test cases, testing, writing Test Report
	QA-Engineer	Evgenia Bovarenko	Minsk, Belarus	Creating Test Plan, Test cases, testing, writing Test Report

6.3 Test hardware

#	Role	Resource	Hardware configuration	Software configuration
1	Laptop	MacBook Air (13-inch, Mid 2013)	4 GB 1600 MHz DDR3	Mac OS Catalina 10.15.7 (19H15)
2	Laptop	HDQ6M9SL Intel(R) Core(TM) i5-8265U CPU	1.60GHz 1.80 GHz	Windows 10, 21H1,19043.1645
3	Desktop	LUCRIA, Intel(R) Core(TM) i5-9600K CPU	3.70GHz 3.70 GHz	Windows 11 Pro, 21H2. 22000.613

6.4 Test tools

#	Tool	Comment
1	QuickTime Player	For screen-video recording
2	Microsoft Word	For creating documentation
3	Microsoft Excel	For creating documentation

Тест-план

7. Test documentation

#	Title	Responsible person(s)	Frequency (delivery time)	Method of delivery
1	Test Plan	QA-Engineer	Before testing	Email
2	Test Cases	QA-Engineer	Before testing	Email
3	Bug reports	QA-Engineer	After testing	Jira
4	Test Report	QA-Engineer	After testing	Docs.google

Тест-план

8. Test strategy

The applications will be tested using a "grey box" approach without knowledge of the internal structure or program source code.

8.1 Entry criteria

Availability of a test environment
Access to the test environment

8.2 Test methods

Gray box

8.3 Test types

Manual testing – test-cases are done manually without automatization instruments.

Alpha testing – testing inside the developer organization.

GUI Testing – testing through graphical user interface.

Compatibility Testing – testing of working efficiency of the product in different environments (cross-browser or cross-platforms).

Localization testing – testing of adaptation of product to language and cultural features on exact region, which is opposite to region, where product is created.

8.4 Test levels

Smoke testing – testing of default functionalities on positive scenarios.

Extended (AT) – testing of all functionality on both positive and negative checks.

Critical path testing (MAT) – testing of all functionality on positive checks.

8.5 Bug and documentation tracking

Will be provided by Jira.

8.5.1 Bug severity definition

Indicates the severity of the defect in terms of functionality:

Highest blocks all or key functionality;

High crashes normal work of 1 or several functionalities of site and do not interfere further testing;

Medium is when defect partly affects on main functions, but making scenario while testing is possible within minimal changes;

Low is insignificant functional bug or graphical defect of interface;

Lowest is small defect not requiring mandatory correction.

9. Testing schedule

#	Activity	Begin Date	End Date	Assignment	Location	Work content
1	Test-Plan	25.05.2022	29.05.2022	QA-Engineer	Word	
2	Test-cases	25.05.2022	29.05.2022	QA-Engineer	Excel	a set of input data, execution conditions, and expected results designed to test a particular property or behavior of a software tool.
4	Testing	26.05.2022	29.05.2022	QA-Engineer	Site, Jira	Make tests, recording into Jira
5	Defect report	29.05.2022	29.05.2022	QA-Engineer	Word	description and prioritization of detected defects

Тест-план

Modules	Functionality
Site opening	tab opening
	site availability
	url
Home page	menu
	content
	Sign up
	Sign in
Sign up	Validation Name Field
	Validation of Email field
	Validation of Password field
	Validation of Repeat Password field
	Sign up
	GUI
Sign in	Validation of Email field
	Validation of Password field
	Sign in
	GUI
Users Home page	menu
	content
	Overview
	Earn
	Store
	Sign out
	Account
Earn	Earn
	GUI
Overview	Overview
	GUI
Store	Balance
	Filters
	Items
	GUI
Sign out	Sign out
	GUI

Документация Тест-кейсы

- ✓ ID
- ✓ Modules
- ✓ Functionality
- ✓ Preconditions
- ✓ Steps
- ✓ Expected result
- ✓ Priority
- ✓ Coverage

Jira Bugs

- 21 задача:
- ✓ Highest - 4
 - ✓ High - 4
 - ✓ Medium - 3
 - ✓ Low - 4
 - ✓ Lowest - 1

100 Carrots
Проект по разработке ПО

ПЛАНИРОВАНИЕ

- Дорожная карта
- Бэклог**
- Доска

РАЗРАБОТКА

- Код
- Релизы

Страницы проекта

Добавить ярлык

Настройки проекта

Это проект, управляемый командой

Подробнее

Проекты / 100 Carrots

Бэклог

Поиск

Эпик Тип

Аналитика





Sprint Добавить даты (Задач: 21) 0 0 0 **Запустить спринт**

DB100-4 Earn	К выполнению	
DB100-7 Same-type marker generation [Earn] tab on response	К выполнению	
DB100-8 Balance limit exceeded when answering questions	К выполнению	
DB100-9 Application crushes with balance -100 or less	К выполнению	
DB100-22 [Earn]: Questions and answers contain incorrect symbols.	К выполнению	
DB100-3 Home page	К выполнению	
DB100-10 Logo does not refresh the page on [Users Home page]	К выполнению	
DB100-6 Store	К выполнению	
DB100-11 [Store]-there is no second photo in the product card	К выполнению	
DB100-12 [Store GUI] - product cards are not the same size	К выполнению	
DB100-21 [Store]: User can not buy items with affordable prices and balance is not decreased.	К выполнению	TD
DB100-1 Sign Up	К выполнению	
DB100-13 [Email] field: Validation error is not shown to User before clicking [Sign Up] button	К выполнению	TD
DB100-14 [Password] field: Validation about minimum size is not shown to User before clicking [Sign Up] button	К выполнению	

Bugs Highest

✎ Добавить Эпик / 🇷🇺 DB100-9

[Earn]: Application crashes with balance -100 or less









Описание

Preconditions:user is in [Earn]

Steps:

1. incorrectly answer questions to reduce the balance exactly -100


Actual result	incorrect behavior, the site loses its main functionality, when you try to login again, the site does not work
Expected result	balance -100 is displayed on the page
Reproducibility	always
Severity	Critical
Приоритет	🔥 Highest

 1 

К выполнению ▾

Сведения


Components
front-end


Исполнитель
 Без назначения

Метки
Нет

Sprint
[Sprint](#)

Story point estimate
Нет

Автор
 Евгения Бояренко

Automation
 Rule executions

Bugs Highest

✎ Добавить Эпик / 🇷🇺 DB100-8

[Earn]: Balance limit exceeded when answering questions

📎 🏗️ 🔗 ⋮

Описание

Preconditions: user is in [Earn]

Steps: 1.by answering the questions correctly, increase the balance to 105

Actual result	the page shows a balance greater than 100
Expected result	error is displayed: maximum balance 100
Reproducibility	always
Severity	Critical
Приоритет	🔴 Highest

Вложения (1) ⋮ +

🔒 👁 1 👍 🔗 ⋮ ✕

К выполнению ▾

Сведения ^

Components
front-end

Исполнитель
👤 Евгения Бояренко

Метки
Нет

Sprint
[Sprint](#)

Story point estimate
Нет

Автор
👤 Евгения Бояренко

Automation
⚡ Rule executions

Bugs Highest

✎ Добавить Эпик / 🇷🇺 DB100-7

[Earn]: Correct answers generates only when fourth marker is chosen.



Описание

Preconditions: user is in [Earn]

steps :

1.answer 10 questions in a row, select the answer under the [first] marker in the list of answers

2..answer the next 10 questions in a row, select the answer the [second] marker in the list of answers

3.answer the next 10 questions in a row, select the answer [third] marker in the list of answers

4.answer the next 10 questions in a row, select the answer [fourth] marker in the list of answers

Actual result	correct answers are generated only under the marker [fourth] of the list of markers
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Expected result	correct answers are randomly generated under different positions of the list of markers
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К выполнению ▾

Сведения ^

Components

front-end

Исполнитель



Евгения Бояренко

Метки

Нет

Sprint

Sprint

Story point estimate

Нет

Автор



Евгения Бояренко

Automation



Rule executions

Bugs Highest

✎ Добавить Эпик / 📌 DB100-21

[Store]: User can not buy items with affordable prices and balance is not decreased.



Описание

Preconditions: Safari version 14.0 (15610.1.28.1.9, 15610)

User is on [Store] page

Steps:

1. Answer correctly the questions to earn 12 \$
2. Click [Store] button.
3. Click on button [buy] on affordable item.
4. Click [Yes] on [Confirmation] window.

Actual result	User can not buy affordable item, balance stayes the same.
Expected result	User buys need affordable item, balance is decreased.
Reproducibility	always



К выполнению ▾

Сведения ^

Components

Нет

Исполнитель



Татьяна Дерябина

Метки

Нет

Sprint

Sprint

Story point estimate

Нет

Автор



Татьяна Дерябина

Automation




Rule executions

Bugs Highest

The screenshot shows a web browser window with the address bar displaying `paulyerger.github.io`. The browser's taskbar at the top includes icons for various applications and a notification area showing "100 Carrots — Agile-доска - Jira" and "100carrots". The website's header is blue and features the "100carrots" logo, navigation links for "OVERVIEW", "EARN", and "STORE", and a "SIGN OUT" button with a user icon. Below the header, a white box displays the message "Your balance is 0\$". The main content area features a large image of a landscape with hot air balloons. Below the image, a quiz question is presented: "Question 5\$" followed by the text "When Magic: The Gathering was first solicited, which of the following was it originally titled?". There are four radio button options: "Magic", "Magic Clash", "Mana Duels", and "Mana Clash". A mouse cursor is hovering over the "Mana Clash" option. At the bottom of the question box, there are two buttons: "ANSWER" and "SKIP".

100carrots OVERVIEW EARN STORE SIGN OUT

Your balance is 0\$



Question 5\$

When Magic: The Gathering was first solicited, which of the following was it originally titled?

- ☐ Magic
- ☐ Magic Clash
- ☐ Mana Duels
- ☐ Mana Clash

ANSWER SKIP

Документация

Отчет о тестировании

Test Report

PRODUCT DETAILS:

Name of the
product:
Purposes of the
report:

100carrots-This is an application that allows you to earn money by answering questions and buying jewelry with the money you earn

provision of test data to the customer 28.05.2022

SPRINT № :

1

DATE:

28.05.2022

BUILD № :

1

ENVIRONMENT:

Operating
Systems:

1. Windows 10, 21H1, 19043.1645
2. Windows 11 Pro, 21H2. 22000.613
3. MacOS Catalina 10.15.7

Browsers:

1. Mozilla Firefox
2. Google chrome
3. Opera
4. Safari

Devices :

1. LAPTOP-HDQ6M9SL
Intel(R) Core(TM) i5-8265U CPU @ 1.60GHz 1.80 GHz
2. DESKTOP-7LUCRIA, Intel(R) Core(TM) i5-9600K CPU @ 3.70GHz 3.70 GHz
3. Laptop MacBook Air (13-inch, Mid 2013), 1,3 GHz 2-ядерный процессор
Intel Core i5, 4 ГБ 1600 MHz DDR3

Tested Modules : Site opening, Home page, Sign up, Sign in, Users Home page, Earn, Overview, Store, Sign out

TIME SPENT:

8 h

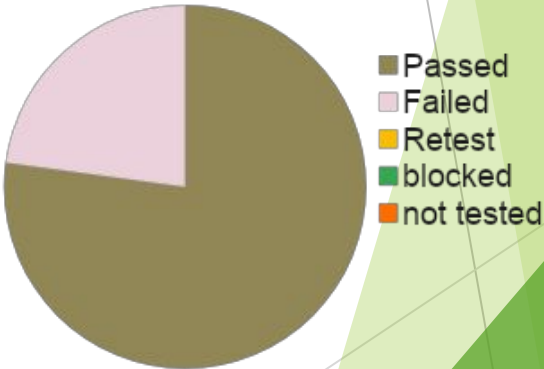
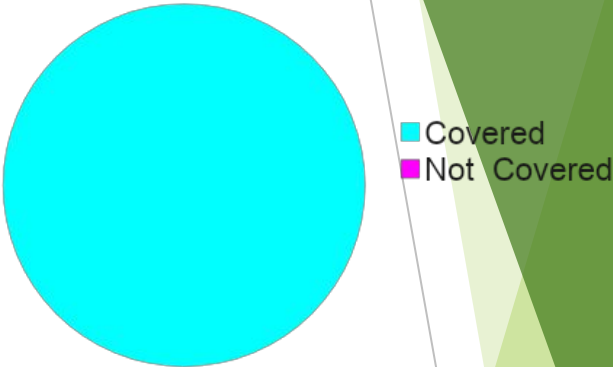
Qa-engineer

Евгения Бояренко
Татьяна Дерябина

Документация

Отчет о тестировании

1.	Test coverage:		
	Status	Quantity (areas)	Percentage, %
	Covered	9	40
	Not Covered	0	60
	Total	9	100
2.	Test case statistics by covered area:		
	Status	Quantity	Percentage, %
	Passed	128	77,11
	Failed	38	22,89
	Retest	0	0
	blocked	0	0
	not tested	0	0
	Total	166	100



Документация

Отчет о тестировании

Issues have been found:		
No	Title	Priority
DB100-7	[Earn]: correct answers generates only when fourth marker is chosen.	Highest
DB100-8	[Earn]: Balance limit exceeded when answering questions	Highest
DB100-21	[Store]: User can not buy items with affordable prices and balance is not decreased.	Highest
DB100-9	[Earn]: Application crushes with balance -100 or less	Highest
DB100-14	[Password] field: Validation about minimum size is not shown to User before clicking [Sign Up] button	High
DB100-17	[Sign Up]: User can be signed up with password consisted of 7 symbols instead of minimum 8	High
DB100-18	[Sign Up]: User can be signed up with password consisted with spaces as symbols.	High
DB100-15	[Sign Up]: User can be registered with invalid email consisted with 4 symbols after '.'	High
DB100-22	[Earn]: Questions and answers contain incorrect symbols.	Medium
DB100-16	[Email] field: Validation error is not shown to User when put spaces before and after email.	Medium
DB100-11	[Store]-there is no second photo in the product card	Medium
DB100-13	[Email] field: Validation error is not shown to User before clicking [Sign Up] button	Low
DB100-19	[Sign In]: User receives error message "Correct credentials" instead of "Incorrect credentials"	Low
DB100-12	[Store GUI] - product cards are not the same size	Low
DB100-10	Logo does not refresh the page on [Users Home page]	Low
DB100-20	[Sign In]: no validation data of [Email] and [Password] fields is shown to User while filling the fields before clicking [Sign in] button	Lowest

Резюме

Priority in percentage:			
Status	Quantity	Percentage, %	
Blocker		0	0
Highest		4	25
High		4	25
Medium		3	18,8
Low		4	25
Lowest		1	6,3
Total		16	100
Resume:		<p>The tested modules (Open Site, Home Page, Sign Up, Login, User Home Page, Earn Money, Browse, Store, Log Out) are not ready for release. Test coverage is 100%. QA team have found 16 errors (38 checks) out of 166 tests, which is 22.89%.</p> <p>The accent should be done on site availability when User earns -100\$ and less, also it is needed to fix functionality of earning module (correct answer should not be always the 4th). Users of Safari can not spend their earned money, so availability of the main application function is unavailable.</p> <p>4 errors have priority "Highest", 4 errors have priority "High" 3 "Medium", 4"Low", 1"Lowest".</p>	

