TRR sprint 4 (30.01.2023)

Test result report

CV 1st page (filling in, editing, deleting, saving with button next, advices, add/change foto) + Student's personal cabinet (add/change foto, positions list (functionality and values update), messages on saving without button save)

17.01.2023-30.01.2023

<u>**Test team:**</u>

#	Project Role	Name	Responsibilities
1	QA engineer	Andrei Barycheuski	Test cases creation, Tests execution, Bug Verification, Regression testing, Bug reporting, TRR, Requirements testing
2	QA engineer	Ekaterina Zavizion	Test cases creation, Tests execution, Bug Verification, Regression testing, Bug reporting, TRR, Requirements testing

<u>**Testing process description:**</u>

Test environment:

Student's personal cabinet web-form ver.1 was tasted in following browsers and devices:

- Chrome ver. 108.0.5359.124 (Windows 10, 64-bit)
- Opera ver. 93.0.4585.37 (Windows 10, 64-bit)
- Firefox ver. 108.0 (Windows 10, 64-bit)
- Microsoft Edge ver. 108.0.1462.54 (Windows 10, 64-bit)
- Safari ver. 15.1 (Mac OS Monterey)
- Yandex Browser ver. 22.11.3.815 (Windows 10, 64-bit)
- Samsung Browser ver. 19.0.3.12 (Xiaomi Redmi Note 9, Android 10)
- Android Browser ver. 2.3.1 (Xiaomi Redmi Note 9, Android 10)

Test Level: System testing

Test types used: Functional (smoke, critical path, extended) testing, GUI testing, API testing, compatibility testing, verification testing, regression testing.

For sprint 4 the following stories were selected:

- Adding photo in personal cabinet (backend) PROF2022-374;
- Changing photo in personal cabinet (backend) PROF2022-438;
- Deleting photo in personal cabinet (backend) PROF2022-439;
- Adding photo in personal cabinet (frontend) PROF2022-881;
- Changing photo in personal cabinet (frontend) PROF2022-883;
- Deleting photo in personal cabinet (frontend) PROF2022-884;
- Adding a photo (the first page "CV") PROF2022-832;
- Change photo (the first page "CV") PROF2022-833;
- Delete photo (the first page "CV") PROF2022-834;
- Go to the first page "CV" PROF2022-827;
- Filling in the personal information (the first page "CV") PROF2022-828
- Editing the personal information (the first page "CV") PROF2022-829;
- Clearing Personal Information (the first page "CV") PROF2022-830;
- Advice on filling in (the first page "CV") PROF2022-835;
- Saving the personal information and photo (the first page "CV") PROF2022-831;
- Improving the field Position (Personal cabinet) PROF2022-862;
- Messages when did not click on the save button,but pressed the navigation menu tab or log out.(Personal cabinet) PROF2022-863

All functions had to be tested with no exceptions. As far as adaptivity is not aupposed on mobile devices Sumsung and Android browsers were excluded from tests runs
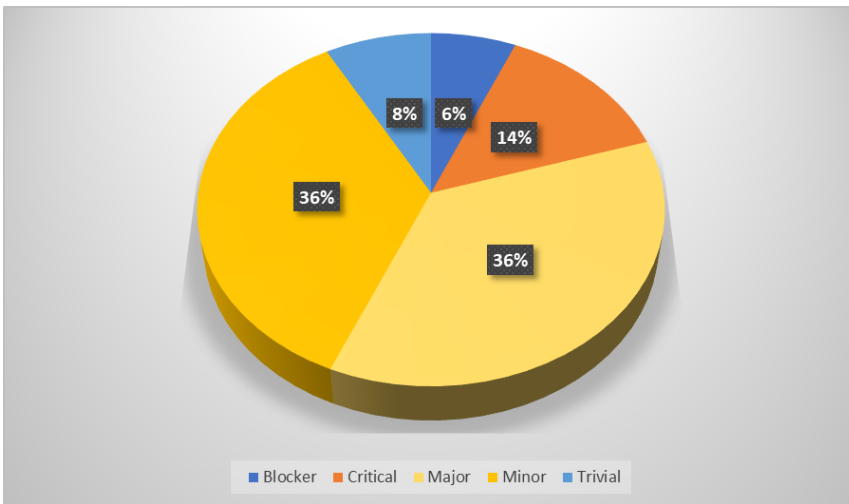
All tests were created based on customer requirements using black-box testing techniques. Coverage of requirements with tests, see at summary.

All tests performed manually. Execution details see at this paper.

<u>**Summary:**</u>

For the reporting period, the following **tasks were done**:

1. Test cases creation for Sprint 4. 124 tests were created, of which 124 were taken to execution, including 54 tests for back-end and 70 tests for front-end.

■ Blocker ■ Critical ■ Major ■ Minor ■ Trivial

See **traceability matrix**

2. Test-cases execution for Sprint 4. 7 Test runs were created for these purposes. Test runs included execution of 306 tests. All planned tests were executed manually.

Out of 124 test: passed - 91, failed - 22, suspended(blocked) - 11.

The information on tests execution process is in the following table

Test Run ID	Test Environments	Total Tests	PASS	TODO	EXECUTING	FAIL	BLOCKED	Progress	Success Rate
PROF2022-1122	OPERA	14	6	0	0	7	1	100%	42.9%
PROF2022-1121	EDGE	14	6	0	0	7	1	100%	42.9%
PROF2022-1120	YANDEX	14	6	0	0	7	1	100%	42.9%
PROF2022-1119	FIREFOX	70	52	0	0	12	6	100%	74.3%
PROF2022-1118	SAFARI	70	42	0	0	18	10	100%	60.0%
PROF2022-1117	CHROME	70	52	0	0	12	6	100%	74.3%
PROF2022-1087	POSTMAN	54	51	0	0	2	1	100%	94.4%

Test Status: Above Medium

Test Analysis: Tasks on tests creation, tests execution, bug reporting, requirements testing are finished. Tasks "Regression testing" is in progress (not fulfilled because of lack of time). Task "Bugs verification" is also in progress.

The number of tests with status failed seams to meet the average number for this stage of project. Success rate is 73.4% (91 of 124 tests are passed)

306 executed tests for Sprint 4 revealed 20 bugs, including 2 of critical priority. Bugs priority is mostly minor and trivial. The majority of bugs are related to GUI.

11 test were aborted because features were not developed or bugs, opened in previous sprints were not fixed.

Plans for next week: bugs verification for Sprint 1-4, test cases creation for Sprint 5, tests execution and bug reporting for sprint 5, Testing result reporting sprint 5, requirements testing sprint 6.

Problems:

1. Features on deleting foto as well as updating personal information on CV 1st page were not delived on scheduled time and were not tested.
2. Bugs that were not fixed affect negatively on the development of product. Especially refresh page (PROF2022-858) and deleting values in Personal details (PROF2022-887). It seems that priority of this bugs should be changed to Critical.
3. While creation of new functionality on foto save function for Personal details was changed and there are problems with stable work of Personal cabinet.

Risks: The abovementioned problems have a risk for PROD deployment delay.

Testing timetable:

Tester	Date	Description	Duration
reation of test cases			
Andrei Barycheuski	17.01.2023-22.01.2023	reation of test cases	18.5 hours
Ekaterina Zavizion	17.01.2023-28.01.2023	reation of test cases	22 hours
Total			**40.5 hours**
Tests execution and bug reporting			
Andrei Barycheuski	25.01.2023-29.01.2023	Tests execution and bug reporting (sprint 4)	20.5 hours
Ekaterina Zavizion	28.01.2023-29.01.2023	Tests execution and bug reporting (sprint 4)	10 hours
Total			**30.5 hours**
Creation of test result report			
Andrei Barycheuski	30.01.2023	Creation of test result report	3 hours
Ekaterina Zavizion	16.01.2023 - 30.01.2023	Creation of test result report	2.5 hours
Total			**5.5 hours**
Bugs verification			
Andrei Barycheuski	30.01.2023	Bugs verification	1 hour
Ekaterina Zavizion	27.01.2023 - 30.01.2023	Bugs Verification	1.5 hours
Total			**2.5 hours**
Requirements testing for sprint 5			
Andrei Barycheuski	24.01.2023	Requirements testing for sprint 5	2.5 hours
Ekaterina Zavizion	06.01.2023-12.01.2023	Requirements testing for sprint 5	4 hours
Total			**6.5 hours**
Total			**85.5 hours**

Recommendations:

1. Testing of new request on saving data in Personal cabinet need to be retested with regreshion testing of all concerned issues
2. All Bugs with major Priority should be included to Sprint 5.
3. There features should be delivered on scheduled time.

New bugs found:

	ID	Title	Priority
1	PROF2022 -1147	Personal cabinet: Foto can not be saved if user did not created profile	Critical
2	PROF2022 -1105	CV page 1: API: User can get CV not created by him knowing CV uuid	Critical
3	PROF2022 -1150	CV page 1: Personal info: Systems sees spaces as valid value	Major
4	PROF2022 -1148	CV Page 1: Valid values entered and not saved in Personal information are cleared after uploading foto	Major
5	PROF2022 -1156	Personal cabinet/ CV 1st Page: The message "Invalid upload photo format or size." is displayed instead of "Failed to save data" when there is problems with internet connection while loading photo	Minor
6	PROF2022 -1155	Personal cabinet / CV 1st Page: The modal window "Invalid upload photo format or size" doesn't disappear after selecting valid photo	Minor
7	PROF2022 -1152	CV page 1: When foto is filled from profile icon "Change foto" redirects user to add Pop-up	Minor
8	PROF2022 -1151	CV page 1: Modal windows (invalid foto value and failed to save data) do not meet design requirements	Minor
9	PROF2022 -1149	Personal cabinet: Font color for positions list do no meet the requirements	Minor

10	PROF2022 -1144	Personal cabinet: Enchancement: When big photo (~1MB and more) is saved the photo is loaded too long and nothing shows that the loading is in progress	Minor
11	PROF2022 -1143	CV 1st page: Hints in the fields, when they are not in focus, doesn't match to mockups/requirements	Minor
12	PROF2022 -1142	CV 1st page: After clicking "Clear field" button all the fields doesn't return to default state but become highlighted with red strokes and error messages	Minor
13	PROF2022 -1141	CV 1st page: Message in modal window, appeared when click on Clear field button, doesn't match to mockups/requirements	Minor
14	PROF2022 -1153	CV 1st page: The appearance of icons for changing/deleting photo doesn't comply to mockup	Trivial
15	PROF2022 -1146	CV 1st page: Enchancement: The Example in "Advice on filling in block" ("St. Petersburg") for the "City" field doesn't comply to requirements for filling in this field (has prohibited symbol - point)	Trivial
16	PROF2022 -1145	CV 1st page: Text in "Advice on filling" block doesn't match to requirements/mockups	Trivial
17	PROF2022 -1140	Personal cabinet: Enchancement: Incorrect name of country in "ountry code of the phone number " dropdown - Tadjikistan instead of Tajikistan	Trivial
18	PROF2022 -1091	CV page 1: API: Error 500 when invalid values are sent in fields "Position" or "Country"	Trivial
19	PROF2022 -1090	CV page 1: API: Wrong messages on validation of fields "Name", "Surname", "City"	Trivial
20	PROF2022 -1089	CV Page 1: API: Invalid values send in check-boxes get the value true or false	Trivial

All bugs statistics:

Status	Quantity	Priority				
		Blocker	Critical	Major	Minor	Trivial
Current Sprint						
Submitted	20	0	2	2	9	7
In dev	9	0	0	2	4	3
Fixed	15	0	2	3	5	5
Closed	1	0	0	0	0	1
Total for Sprints						
Submitted	102	1	4	13	61	23
In dev	9	0	0	2	4	3
Fixed	63	1	4	6	41	11
Closed	3	0	0	1	1	1
To do	**27**	**0**	**0**	**4**	**15**	**8**

Open bugs by Components

Components	Bloker	Critical	Major	Minor	Trivial	Total
Back-end	0	0	1	3	5	9
Front-end	0	0	5	16	6	27
Total Unique Issues:	0	0	6	19	11	36