**Test Status Report**

**Summary.** For the period from the 22 of April till the 30 of April testing team executed exploratory testing and found 17 different defects: 1 blocker, 1 major, 4 medium, 3 minors, 8 trivial ([detailed table](#table)). Defects were assigned to developers but have not been resolved yet because:

1. From the 1 of May until the 11 of May were holidays.
2. From the 11 of May until the 14 of May developers were involved in Calculators projects (was previously agreed).

On the 30 of April requirements for 2B Pencil was gathered, analyzed and structured in a [Software Requirement Specification](https://drive.google.com/file/d/1lst4zpp4Y1w57cNpUQWSM7l9HGA0KyMg/view?usp=sharing) document and was approved by Georgiy Gulov. On the basis of SRS next documentation was created for pencil: 21 Test Cases, State Transition Diagram (find the document [here](https://drive.google.com/file/d/11r2FEqzJO4uhSLNdi2mSELUlENxSwHY_/view?usp=sharing)).

**Plans.** For nearest iteration planned:

1. Bug Triage Meeting on Monday 17 of May.
2. Bug fixing (18.05.21 – 20.05.21).
3. Confirmation testing (21.06.21)
4. Planning Partial Regression Strategy.

**Quality.** For the current stage of the project the quality of the product in green zone. For the current moment (the 18 of May), project moves to the final stage. For the next iteration it is planned to execute Partial Regression. Regression strategy for calculator was created on the 16 of May and waiting to be agreed ([Regression Strategy document](https://drive.google.com/file/d/1HblWWKhKRd4WwNar0g1gNcEgEWDL0-vz/view?usp=sharing)).

**Risks and Recommendations.** There is a medium possibility that code changes can influence on application. Suggested to execute Partial Regression from 24.06.21-26.06.21. Also suggested to conduct impact analysis and to develop Test Cases for impacted by changes areas and to add them to Partial Regression Test Suite ([other risks](#risks)).

**Test Result Report**

**Testing team.**

Table 1 Testing team

|  |  |  |
| --- | --- | --- |
| **Name** | **Position** | **Role** |
| Georgiy Gulov | Lead Software Testing Engineer | Responsible for quality management and quality assurance |
| Yaroslav Denysiuk | Quality Control Engineer (Trainee) | Responsible for quality control |

**Schedule.**

Table 2 Schedule

|  |  |  |  |
| --- | --- | --- | --- |
| **Name** | **Date** | **Activity** | **Time, h** |
| Yaroslav Denysiuk | 16.04.21 | Acquaintance with the project and existing documentation. | 2 |
| Yaroslav Denysiuk | 20.04.21 | Exploratory testing. Reporting defects | 8 |
| Yaroslav Denysiuk | 23.04.21 | Involving in Tram project. Developing [documentation](https://drive.google.com/file/d/1-C5LPeRErpbl3_NpQGUSoL5T_gy48Lpb/view?usp=sharing) for Equivalence partitioning and Boundary values for Tram | 4 |
| Yaroslav Denysiuk | 27.04.21 | Exploratory testing. Defects reporting | 8 |
| Yaroslav Denysiuk | 30.04.21 | Gathering, analyzing, structuring requirements in SRS document for 2B Pencil project. | 8 |
| Yaroslav Denysiuk | 12.05.21 | Developing Test Cases, State Transition Diagram for 2B Pencil | 8 |
| Yaroslav Denysiuk | 14.05.21 | Developing Regression strategy for calculator | 5 |

**Defect statistics.**

Table 3 Defect statistics

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Severity** | | | | | |
| **Status** | **Quantity** | **Trivial** | **Minor** | **Medium** | **Major** | **Critical** | **Blocker** |
| *Opened* | 17 | 8 | 2 | 4 | 1 | - | 1 |
| *Fixed* | 0 | 0 | 0 | 0 | 0 | - | 0 |
| *Verified* | 0 | 0 | 0 | 0 | 0 | - | 0 |
| *Reopened* | 0 | 0 | 0 | 0 | 0 | - | 0 |
| *Rejected* | 0 | 0 | 0 | 0 | 0 | - | 0 |

Detailed bugs list you can find in the next documents: [document](https://drive.google.com/file/d/1oa0lIKyDgvhUssFTHB5kGcGBlkoDYNqM/view?usp=sharing), [document](https://drive.google.com/file/d/1bT3id-hln6KFNtlcUXA4XCDyEAD_iAIo/view?usp=sharing).

Table 4 Short defects list

|  |  |  |  |
| --- | --- | --- | --- |
| **ID** | **Severity** | **Project** | **Summary** |
| 1995 | Medium | Ukrzalisnytsia | The email field in the form "Додати питання" allows to enter whitespaces/special characters/numbers and to submit a form |
| 1996 | Major | Ukrzalisnytsia | Attempt to check a Question ID status through Sidebar menu > form "Звернення"> field "Перевірка статусу" returnes error |
| 1997 | Low | Ukrzalisnytsia | The title <h1> of "Total number of tickets sold" does not change the color after selecting accessibility adjustment functionality "Спеціальні шрифти та кольори" |
| 1998 | Medium | Ukrzalisnytsia | Form "Надіслати резюме" allows uploading and submitting any type of file with any extension |
| 1 | Minor | Ukrzalisnytsia | Footer page elements are misaligned, social media links and Copyright year are inconsistent |
| 2 | Minor | Ukrzalisnytsia | Misaligned elements on home page form "Звернення": captcha, input field "Повідомлення", label "Тестова версія", select, submit button "Надіслати" |
| 3 | Trivial | Ukrzalisnytsia | Misaligned elements on form Navigation >"Контакти/зворотній зв'язок" > "Поставити питання" |
| 4 | Trivial | Ukrzalisnytsia | Misaligned text in table "Питання/відповіді" Navigation> "Контакти/зворотній зв'язок" > "Поставити питання" |
| 5 | Trivial | Ukrzalisnytsia | Misaligned elements on form Navigation >"Контакти/зворотній зв'язок" > "Поставити питання">"Додати питання" |
| 6 | Trivial | Ukrzalisnytsia | Elements on form "Робота на залізниці">"Вакансії" > "Надіслати резюме" are misaligned |
| 7 | Trivial | Ukrzalisnytsia | Header Navigation> "Робота на залізниці">"ФК Експрес" - table elements at the table "Польові гравці" are misaligned |
| 8 | Trivial | Ukrzalisnytsia | "Робота на залізниці">"Агенти залізничних змін">"Проекти ідей учасників форуму «Залізничні агенти змін (м. Київ)" - misaligned images in table "Антикорупція" |
| 9 | Low | Olx | Typo error for label and placeholder for input password field in menu "Мій профіль" for ukrainian language interface |
| 2000 | Blocker | Nova Poshta | Registration page fails after entering 2 whitespaces and 1 any character |
| 1999 | Medium | Nova Poshta | Input mandatory fields in the form "Частным клиентам" > "Отправить" > "Стоимость доставки" are not validated for the maximum number of characters |
| 2001 | Medium | Nova Poshta | Client and server allows entering 0 value (also special, letters) for mandatory input field "Обьявленная стоимость" in the form "Рассчитать стоимость" and submitting form |
| 10 | Trivial | Nova Poshta | Label "Проблемні ситуації…" overlaps label "Співпраця" in Navigation > "Центр підтримки клієнтів" |

**Risks and Recommendations.**

* High possibility that previously posted defects won’t get fixed until Partial Regression testing. Suggested to postpone Partial Regression testing schedule by 2 days. Additional Test Cases must be developed for impacted modules.
* High possibility that product will miss release window in case of postponing Partial Regression testing. Suggested to involve 1 more quality assurance engineer (Vasia Vasin) from parallel project (“Tesla”) for Partial Regression Testing (prior consent has been obtained).

*2B Pencil:*

* High possibility that complex technological process of manufacturing can be failed. Suggested to engage technical specialist that is familiar with pencil manufacturing (Petro Bulava priorly agreed);
* High possibility of not satisfying the end user with the quality of the graphic component and visual characteristics of the tool. Suggested to recruit a control group of users, develop multiple prototypes and execute A/B testing.