ПЕРВЫЙ УРОВЕНЬ

1. Высокоуровневый тест-кейс

<https://docs.google.com/spreadsheets/d/1j49pIl-Do4ZPM24qfukX2QNULmZM6IJ62ENo9SpdUc4/edit#gid=0>

1. Низкоуровневіе тест-кейсы

| **Test Case ID** | | BU\_001 | **Test Case Description** | | Make sure that the user can log in to the application using biometric data | | | | | |
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| **Created By** | | Tetiana B | **Reviewed By** | |  | | **Version** | | 2.1 | |
|  |  |  |  |  |  |  |  |  |  |  |
| **QA Tester’s Log** | |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Tester's Name** | | Tetiana B | **Date Tested** | | March 7, 2023 | | **Test Case (Pass/Fail/Not Executed)** | | Pass | |
|  |  |  |  |  |  |  |  |  |  |  |
| **S #** | **Prerequisites:** | | |  | **S #** | **Test Data** | | | | |
| 1 | Open the app “Дія” | | |  | 1 | Pass = Test | | | | |
| 2 | Scan your face to enter | | |  | 2 | Pass = Test | | | | |
| 3 | Click the button `подтвердить` on the smartphone screen | | |  | 3 | Pass = Test | | | | |
| 4 |  | | |  | 4 |  | | | | |
|  |  |  |  |  |  |  |  |  |  |  |
| **Test Scenario** | Make sure that when you press the “подтвердить” you log in to the app |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Step #** | **Step Details** | | **Expected Results** | | **Pass / Fail / Not executed / Suspended** | | |  |  |  |
|  |  |  |
| 1 | Scan your face | | A button should appear “подтвердить” | | Pass | | |  |  |  |
| 2 | Press the button “подтвердить” | | The user must log in to the application | | Pass | | |  |  |  |

| **Test Case ID** | | BU\_002 | **Test Case Description** | | Make sure that the user can on the page “Документы” add “Свидетельство о рождении ребенка” | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Created By** | | Tetiana B | **Reviewed By** | |  | | **Version** | | 2.1 | |
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| **QA Tester’s Log** | |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Tester's Name** | | Tetiana B | **Date Tested** | | March 7, 2023 | | **Test Case (Pass/Fail/Not Executed)** | | Pass | |
|  |  |  |  |  |  |  |  |  |  |  |
| **S #** | **Prerequisites:** | | |  | **S #** | **Test Data** | | | | |
| 1 | Open the app “Дія” | | |  | 1 | Pass = Test | | | | |
| 2 | Log in to the app | | |  | 2 | Pass = Test | | | | |
| 3 | Go to the section “документы” | | |  | 3 | Pass = Test | | | | |
| 4 | Click the tab “добавить документ” | | |  | 4 | Pass = Test | | | | |
|  |  |  |  |  |  |  |  |  |  |  |
| **Test Scenario** | Make sure that when you press “добавить документ” came up “свидетельство о рождении ребенка” |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Step #** | **Step Details** | | **Expected Results** | | **Pass / Fail / Not executed / Suspended** | | |  |  |  |
|  |  |  |
| 1 | Log in to the app | | A page should appear “документы” | | Pass | | |  |  |  |
| 2 | Click on the tab “добавить документ” | | In the list of available documents you should see “свидетельство о рождении ребенка” | | Pass | | |  |  |  |

| **Test Case ID** | | BU\_003 | **Test Case Description** | | Make sure it works “строка поиска” on the page “услуги” | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Created By** | | Tetiana B | **Reviewed By** | |  | | **Version** | | 2.1 | |
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| **QA Tester’s Log** | |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Tester's Name** | | Tetiana B | **Date Tested** | | March 7, 2023 | | **Test Case (Pass/Fail/Not Executed)** | | Pass | |
|  |  |  |  |  |  |  |  |  |  |  |
| **S #** | **Prerequisites:** | | |  | **S #** | **Test Data** | | | | |
| 1 | Open the app “Дія” | | |  | 1 | Pass = Test | | | | |
| 2 | Log in to the app | | |  | 2 | Pass = Test | | | | |
| 3 | Go to the section “услуги” | | |  | 3 | Pass = Test | | | | |
| 4 | Click on “поиск услуги” | | |  | 4 | Pass = Test | | | | |
| 5 | Enter the category you want to find | | |  | 5 | Pass = Test | | | | |
|  |  |  |  |  |  |  |  |  |  |  |
| **Test Scenario** | Make sure that when you enter the desired category, the search bar returns options |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |
| **Step #** | **Step Details** | | **Expected Results** | | **Pass / Fail / Not executed / Suspended** | | |  |  |  |
|  |  |  |
| 1 | Log in to the app | | A page should appear “услуги” | | Pass | | |  |  |  |
| 2 | Go to the page “услуги” | | A list of available services should appear and “строка поиска” | | Pass | | |  |  |  |
| 3 | Click on “строку поиска” and enter the desired service | | Affordable service options must appear | | Pass | | |  |  |  |

ВТОРОЙ УРОВЕНЬ.

**Work Breakdown Structure (WBS)**

1. Предположим необходимое время для написания одного тест-кейса 10 мин. У нас три тест-кейса, соответственно *3\*10=30 мин*
2. Предположим время на выполнение одного тест-кейса примерно такое же, как и на его написание - 10 мин. Соответственно *3\*10=30 мин*

То есть общее время на написание и выполнение наших тест-кейсов *60 мин*

1. Предположим какое количество дефектов возможно в этих трёх тест-кейсах - 1 дефект.
2. Предположительное время для написания баг-репорта 10 мин. Соответственно *1\*10=10 мин*
3. На стадии ретестинга предположим, что после первого раза все баги не будут исправлены и нужно будет ещё раз пройти, соответственно *1\*2\*10=20 мин*

То есть на определение количества возможных дефектов и работу над ними нам понадобится *30 мин*

1. На возможные риски + дополнительное время возьмём 30%

То есть *(60 мин + 30 мин) \* 30% = 27 мин* - это время на риски

*Итого: 60 мин + 30 мин + 27 мин = 117 мин ( примерно 2 часа )*

**Three-Point estimation (метод 3-х точек)**

Оптимистичное значение - время на основную работу, без учёта рисков *30 мин - 0,5 ч*

Пессимистичное значение - время на дополнительные риски *270 мин - 4,5 ч*

Реалистичное значение - вероятное время для выполнения *60 мин - 1 ч*

E = (a + m + b) / 3

*E = (30 мин + 60 мин + 270 мин)/3 = 120 мин ( 2 часа )*