**SOLUTION INTERVIEW EXCERCISES**

1. Estimated amount time:

|  |  |
| --- | --- |
| **Point** | **Estimated time** |
| 2 | 1h |
| 3 | 1h |
| 4 | 2h |
| 5 | 1h |
| 6 | 1h |
| 7 | 2h |
| 8 | 1h |
| 9 | 1h |
| 10 | 2h |
| TOTAL | 12h |

1. Response:

As QA Engineer my role is to ensure the quality of the product, being present throughout the certification process of the project. Therefore, the QA must know the client, and business and understand the need that is expected to be covered with the implementation of the product, as well as have clarity on what will be the minimum viable product of the project.

As the project develops, the QA must report the progress of the tests, report defects found, and have continuous communication with the team to provide a better solution to deliver a quality product to the customer.

1. Response:

- Validate the input of each of the forms.

- Validate the functionality of the buttons that send to the next page.

- Validate personal information form triggering the response " So far, your data qualifies you for a loan.".

- Validate personal information form triggering the response " Based on your data, you are not qualified for a loan"

- Validate personal credit score scenario < 600

- Validate business information form triggering the response " So far, your data qualifies you for a loan.".

- Validate business information form triggering the response " Based on your data, you are not qualified for a loan"

- Validate scenario person credit score < 600 and business credit score < 300.

- Validate Terms and Conditions Check.

- Validate the image generated at the end of the process that indicates the type of lender you think would give you a loan (look & feel).

- Validate the scenario that results in a bank (personal credit score > = 600 business credit score > = 720).

- Validate the scenario resulting in the alternative loan (personal credit score > = 600 business credit score > = 600 test score 719)

- Validate scenario resulting in merchant cash advance (business credit score > = 500 test score = 599)

- Validate scenario resulting in friends and family (business credit score < 500)

1. Solution:

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| **ID test case** | **001** | |
| **Title:** | **Validate flow when the user qualifies for a loan (personal information form)** | |
| **Description:** | **Verify the correct functioning of the system when the user applies for a loan based on the personal information form.** | |
| **Preconditions:** | 1. Have access to the web portal  2. Have a user with a personal credit score > = 600 | |
| **# step** | **Step by step** | **expected result** |
| 1. | Log in to the web portal | The system displays the platform home |
| 2. | Click on the option "xxxx". | The system directs to the personal information form |
| 3. | Fill out the form fields | The system allows you to fill in the form fields correctly. |
| 4. | Click on the "next" button | The system pulls the personal credit report and proceeds to the next form displaying a note to the user indicating that the user qualifies for a loan. |
| 5. | Verify that the note reads as follows: "So far, your data qualifies you for a loan". | Note contains the specified text |
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| **ID test case:** | **002** | |
| **Title:** | **Validate flow when the user DOES NOT qualify for a loan (personal information form)** | |
| **Description:** | **Verify the correct functioning of the system when the user does NOT apply for a loan based on the personal information form.** | |
| **Preconditions:** | 1. Have access to the web portal  2. Have a user with personal credit score < 600 | |
| **# step** | **Step by step** | **Expected result** |
| 1. | Log in to the web portal | The system displays the platform home |
| 2. | Click on the option "xxxx". | The system directs to the personal information form |
| 3. | Fill out the form fields | The system allows you to fill in the form fields correctly. |
| 4. | Click on the "next" button | The system pulls the personal credit report and proceeds to the next form displaying a note to the user indicating that the user does not qualify for a loan. |
| 5. | Verify that the note states the following: "Based on your data, you are not qualified for a loan". | The system displays the note with the specified text and disqualifies the merchant. |
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| **ID test case:** | **003** | |
| **Title:** | **Validate flow when user qualifies for a loan (business information form)** | |
| **Description:** | **Verify the correct functioning of the system when the user applies for a loan based on the commercial information form.** | |
| **Preconditions:** | 1. Have access to the web portal  2. Have a user with a personal credit score >= 600 and a commercial credit score >= 300.  3. Have filled out the personal information form.  4. Be located in the Business information form | |
| **# step** | **Step by step** | **Expected result** |
| 1. | Fill in the fields of the Business information form. | The system allows you to fill in the form fields correctly. |
| 2. | Click on the "next" button | The system pulls the business credit report and proceeds to the T&C page displaying a note to the user indicating that they qualify for a loan. |
| 3. | Verify that the note reads as follows: "So far, your data qualifies you for a loan". | Note contains the specified text |
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| **ID test case:** | **004** | |
| **Title:** | **Validate flow when user does NOT qualify for a loan (business information form)** | |
| **Description:** | **Verify the correct functioning of the system when the user applies for a loan based on the business information form.** | |
| **Preconditions:** | 1. Have access to the web portal  2. Have a user with a business credit score < 300 and a personal credit score >= 600.  3. To have filled out the personal information form.  4. Be located in the business information form | |
| **# step** | **Step by step** | **Expected result** |
| 1. | Fill in the fields of the business information form. | The system allows you to fill in the form fields correctly. |
| 2. | Click on the "next" button | The system pulls the personal credit report and proceeds to the next page displaying a note to the user indicating that the user does not qualify for a loan. |
| 3. | Verify that the note states the following: "Based on your data, you are not qualified for a loan". | The system displays the note with the specified text and disqualifies the merchant. |
|  |  |  |
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| **ID test case:** | **005** | |
| **Title:** | **Validate the flow that results in a bank** | |
| **Description:** | **Validate that the system allows the study process of a user whose information allows a bank to be obtained as a type of lender.** | |
| **Preconditions:** | 1. Have access to the web portal  2. Have a user with a personal credit score > = 600 business credit score > = 720  3. Have filled out the personal information form.  4. To have filled out the business information form.  5. To be located in the terms and conditions form. | |
| **# step** | **Step by step** | **Expected result** |
| 1. | Check terms and conditions box | The system allows you to accept the terms and conditions and enables the "next" button. |
| 2. | Click on the "next" button | The system displays an image indicating the type of lender that is likely to provide the loan |
| 3. | Verify that the result obtained in the image is "Bank". | The system obtains as a result type of lender "bank". |
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| **ID test case:** | **006** | |
| **Title:** | **Validate the flow resulting in an Alternate Lender result.** | |
| **Description:** | **Validate that the system allows the study process of a user whose information allows an alternate lender result to be obtained as a type of lender.** | |
| **Preconditions:** | 1. Have access to the web portal  2. Have a user with a personal credit score > = 600 business credit score = 719  3. Have filled out the personal information form.  4. To have filled out the business information form.  5. To be located in the terms and conditions form. | |
| **# step** | **Step by step** | **Expected result** |
| 1. | Check terms and conditions box | The system allows you to accept the terms and conditions and enables the "next" button. |
| 2. | Click on the "next" button | The system displays an image indicating the type of lender that is likely to provide the loan |
| 3. | Verify that the result obtained in the image is "Alternate lender". | The system obtains as a result type of lender “Alternate lender” |

1. Response:

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| --- | --- |
| **Title:** | **Unexpected message error when validating personal information** |
| **Ptoject:** | Lending Front-Web portal |
| **Component:** | Back end |
| **Error description** | **Precondition:** user with personal credit score >= 600 **Step by step:** 1. Log in to the web portal and fill out the personal information form 2. lick on the "Next" button  **Error:** The system displays a message indicating that the user is NOT qualified for a loan.  message: "Based on your data, you are not qualified for a loan".  subsequently blocks the continuation of the flow.  See the evidence in the following link: xxxxxxxx  Date of error: 07/04/2023  Time del error: 4:50 p.m.  User: Juana/C.C: 100014111 **Expected Result:**  The system should display a message indicating that the user is qualified for a loan.  Message: " So far, your data qualifies you for a loan" and should allow the flow to continue. |
| **Reporter** | Natalia Ocaña |
| **Test case** | 001 |
| **environment** | QA |
| **Version** | 1.0.0 |
| **Browser** | Firefox |
| **Priority** | Urgent |
| **Severity** | Critical |

1. Response:

Azure DevOps, Jira.

Both tools allow for sprint management, test case management, test case execution, bug management, vulnerability management, etc.

1. Reponse:

Browser stack: allows the test environment to be configured and executed instantly on a real device.

It allows for ensuring the quality of the product since it has a variety of browsers and devices to perform cross-browser and mobile device tests.

For testing mobile devices on a single S.O and versioning, emulators are also used, which allow easier handling of the app to be tested.

1. Solution:

**SELECT i.\***

**FROM t\_item i**

**INNER JOIN t\_item\_comments c**

**ON i.i\_id = c. i\_item\_id**

**INNER JOIN t\_user u**

**ON i. i\_user\_id = u.i\_id**

**INNER JOIN t\_city** **cy**

**ON u.i\_city\_id = cy.i\_id**

**WHERE cy.s\_name = “xxxx”;**

1. Solution:

**SELECT p.\***

**FROM person\_uuid p**

**LEFT JOIN person\_missing m**

**ON p.p\_uuid = m.p\_uuid**

**INNER JOIN person\_physical ph**

**ON p.p\_uuid = ph.p\_uuid**

**INNER JOIN users u**

**ON p. p\_uuid = u. p\_uuid**

**INNER JOIN**

**(**

**SELECT var.p\_uuid , CAST (var.date\_var as DATETIME) date\_ok**

**FROM**

**(**

**SELECT evn.p\_uuid, CAST (evn.changed\_timestamp as varchar) date\_var**

**from password\_event\_log evn**

**) var**

**) psw**

**ON u.p\_uuid = psw.p\_uuid**

**WHERE**

**m. p\_uuid IS NOT NULL**

**AND ph.opt\_blood\_type = “A+”**

**AND psw.event\_type = 1 ------se supone que el evento tipo 1 es reestablecer contraseña**

**AND psw.date\_ok < DATEADD(MONTH, -3, GETDATE());**

11. The time estimated in point 1 was met.