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NOTE ON USING THIS TEST PLAN:

This Test Plan is just authorized to be used for training and test purposes, in order to Douglas Application for Deel.com Role.

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SOFTWARE TEST PLAN:
Deel

Approvals:

Approved By:	Signature	Date
Heinz Henry Alvarez		02/15/22

Document Control

Name	Test Plan Related to SignUp Screen
Doc. Ref. No.	Deel-01
Document Status	Draft
Date of Issue	02/15/22

Change History

Doc. Version	Author	Date	Description / Change
Application	Douglas S. Bonafé	02/15/22	New sign up of Deel platform was implemented.

Distribution List

Name	Role

1 Introduction

This document will provide all the elements used to test the SignUp Page of the Deel Application. It was defined that test will be done in three different levels: Sanity (Smoke) test – which will run upon each commit; Regression test – which will run in a daily basis, every night; End2end tests – which will run on weekend with heavy data.

2 Scope

2.1 – Smoke Tests

- Will verify if the form could be submitted when all the required fields are set with valid data;
- Will verify if the form will return the expected errors when the required fields are not filled or have invalid data.

2.2 – Regression Tests

They will execute existent smoke and e2e tests in different basis.

2.3 – E2E Tests

- Will verify all what was verified with smoke tests
- Will test the fields for XSS
- Will test submit form when invalid fields are set

3 Test Plan Identifier and Document Change Control

V.0.1 - beta

4 References

This document is referred to Deel-QA Automation/Manual candidate exam

4.1 Features to be Tested

Feature	Parent Component / System	Overview
Sign Up form	Login	New user must be able to sign up with valid data

4.2 Features not to be Tested

- Sign Up with Google Account: it will be required to create another google account and it will take too much time for this test.

5 Testing Risk Register

Software development is full of risk, and the testing phases are no exception. It is always wise to take an active lead in managing the risks facing you. Look to the master project plan as a starting point to begin your list of risks. As a further aide to covering all the potential risks, consider the following:

- Experience of previous similar projects and the risks that did happen and how they were handled
- Third party products and services.
- New versions of interfacing or component software
- The test team's ability to use any new tools or technologies necessary for the test effort.
- Working across multiple sites, off-shore team members, remote-working
- Any complex functionality
- Adoption of any new technologies, especially 'bleeding edge' technologies
- Schedule slippage and its impact on the test schedule
- Modifications to components with a past history of failure
- Poorly documented modules
- Vague requirements
- Ever-changing (volatile) requirements
- Safety aspects
- Cross platform support
- Multiple interfaces or poorly defined interfaces
- Government regulations and rules

Risk ID No.	001
Summary	Database issues does not allow user go to the page
Probability of Occurrence	If user has e-mail configured in other version of the system
Customer Impact	User will not be able to make sign Up
Trigger	Create user with the same e-mail. Recover is not working.
Mitigation Action	Create user with different e-mail.
Contingency Action	QA and DEV environments must be different

Risk ID No.	002
Summary	Google services updates or present instability
Probability of Occurrence	Any google update
Customer Impact	User will not be able to make sign Up
Trigger	Google rest sign up integration fails
Mitigation Action	Open Sign Up with e-mail
Contingency Action	Add other integrations like iCloud

6 Test Approach (Strategy)

We will do Smoke, e2e and regression tests. Any repetitive test will be done automatically using programming language.

Smoke tests will run in each commit.

Regression tests will run in a daily basis, by the night.

E2E tests will run in a weekly basis.

6.1 – Smoke Tests

- Verify if the URL is correct and contains "create-account/individual".
- Verify if the "Logout" is appearing.
- Verify if phases of Sign Up is being showed.
- Verify if the welcome message is being showed.
- Verify if empty avatar is being showed.
- Verify if Upload Avatar link is present and working.

- Verify if all fields are present, in the right format, and in the right requirement level
 - First name – input
 - Last name – input
 - Citizenship – select
 - Country of tax residence – select
 - Legal status – select
 - Tax ID – input & optional
 - Vat ID – input & optional
 - Date of Birth – input & optional
 - Time zone – select
 - Country dial code – select
 - Phone number – input
 - Street – input
 - City – input
 - Zip code/Post code – input
 - Country – select
 - Complete Profile – button
- Verify if “Complete Profile Button” is available
- I should be able to submit the form with valid data
- I shouldn’t be able to submit the form with invalid data
- I shouldn’t be able to submit the form missing any required field

6.2 – E2E Tests

- Smoke Tests
- Submit a form with valid data using Occidental Characters – should pass
- Submit a form with valid data using Ukrainian Characters – should pass
- Submit a form missing all required fields: should be required to fill the date
- Submit a form missing all required fields, except date, which will be today:
 - Should see the message: First name is required
 - Should see the message: Last name is required
 - Should see the message: Citizenship is required
 - Should see the message: Tax residency is required
 - Should see the message: Legal status is required
 - Should see the message: You must be at least 16 to use Deel
 - Should see the message: Timezone is required
 - Should see the message: Invalid phone number
 - Should see the message: Street is required
 - Should see the message: City is required
 - Should see the message: Zip is required
- Submit a form with <script> injection in name field. Then should see the message “No special characters allowed”.
- Submit a form with fields overflowing the number of characters allowed

6.3 Test Tools

- Browsers: Chrome, Firefox, Safari
- Language: Typescript/Javascript
- Automation Test Framework: WDIO
- Test Runner: Mocha
- Reporter: Allure
- Repository: GitHub

6.4 Test Data

- User:
 - Email: douglas.testador02@gmail.com

- Password: Douglas!!!11
- Script:
 - `<script> alert("I am hacked"); </script>`
- Long String:
 - Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Donec pretium vulputate sapien nec. Cursus vitae congue mauris rhoncus aenean. Dolor sed viverra ipsum nunc. Habitasse platea dictumst vestibulum rhoncus est pellentesque elit ullamcorper dignissim. Consectetur adipiscing elit duis tristique sollicitudin. Laoreet id donec ultrices tincidunt. Ac orci phasellus egestas tellus rutrum. Gravida arcu ac tortor dignissim convallis aenean et. Amet consectetur adipiscing elit duis.
- Ukrainian Chars: Це божевільне випробування

6.5 Test Environment

- Development

6.6 Test Automation

- Stages:
 - CI/CD preparation
 - Precondition:
 - User must exist and have an e-mail
 - Login in the application
 - Page-Object Creation
 - Workflow Creation
 - Step Definition using BDD Approach
 - Create tags for smoke, regression and e2e
 - Run Smoke Test
 - Run Regression Test
 - Run E2E Test
- Reports:
 - Reports will be presented in Allure format

7 Management and Metrics

- Automation effectiveness
- Speed to market
- Culture of accountability in developers
- Continuous Improvement
- Automated Communication in Slack Test (status)
- Feature Developers Login in QA - CI/CD
- Feature Developers Report

7.1 Test Estimation

- One week

7.2 Test Phase Entry and Exit Criteria

- User was already created in Gmail and will be used here.

7.3 Suspension and Resumption Criteria

- Tests will be suspended upon Release Deployment after test phase done.

8 Test Deliverables

Test deliverables are essentially the work products of the entire test regime. This can cover:

- Test estimates
- Test schedules
- Test Plan
- Test Specification
- Test Scripts
- Test Data
- Test tools, harnesses, stubs, etc
- Test execution results
- Test Reports
- Issue Logs
- Lessons to be learned
- Test Risk Register
- Test Training plans

9 Communication Plan

Name	Role	Contact Details
Manager Name	Manager	Email: manager@deel.com Office: 01234 567 890 Mob: 07123 456 789 Fax: 01671 987 654

Communication Place	Format
Manager e-mail	Formal 1 Page Report with statistics of automation
Slack	After each run of the tests, will send the status in Slack Robot.

10 Glossary

Term	Meaning
E2E	End to end testing