SimplBooks

-   Test Plan -

Revision History

Date	Description	Author	Comments
24.02.2024	Test plan for SimplBooks	Camelia Cetatean	initial version 1.0
25.02.2024	Test plan for SimplBooks	Denisa Cetatean	-new exit criteria -updated QA team

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1. Introduction

SimplBooks is a fully online and modern accounting software, whose main goal is to provide an easy and convenient platform for small businesses, not just accounting firms.

1.1 Project Objective

The aim of this project is to surpass client expectations before the application's release, by verifying whether its functionalities are stable, secure and trustworthy.

https://www.simplbooks.ee/en/

1.2 Functionalities in scope

The following sections will be tested before this current release:

- **Partners** -With the corresponding subsections (Clients and suppliers, Delivery addresses)
- **Wages** - With the corresponding subsections (Employees, Salaries)

1.3 Functionalities and tests out of scope

- Automation testing is out of scope
- No QA support for mobile applications developed. Only web applications will be tested.
- Non-functional testing like performance, load is beyond scope of this project.

2. Test process

2.1 Test planning

Roles and responsibilities

Senior Team Lead	Communication with stakeholders, documentation
QA 1 - Camelia Cetatean	Test cases & test execution
QA 2 - Denisa Cetatean	Entry & Exit Criteria

Entry criteria:

- ☐ **Availability of Functional Specifications**: detailed functional specifications or required documentation are available
- ☐ **Availability of Test Resources**: sufficient testing resources (personnel, time, and budget) are allocated
- ☐ **Test Plan Approval** from relevant stakeholders, including project managers, business analysts & quality assurance leads
- ☐ **Smoke test passed**

Exit criteria: Camelia Cetatean

- ☐ **Test coverage** - 90% of key user scenarios are tested
- ☐ **Defect Closure rate** - All critical functionalities and high priority/severity cases have **Closed** status
- ☐ **Risk mitigation** - All project risks and product risks are identified and resolved
- ☐ **Documentation complete** - All test cases are up-to-date and the Test Summary Report was sent to the stakeholders
- ☐ **User acceptance** - Regression Testing and Acceptance testing is finalized and management approval is obtained

Risks:

PRODUCT RISKS:

- ● **Data Security Breaches**: Risk of unauthorized access, data breaches, or security vulnerabilities that could compromise sensitive financial or personal information stored in the app
- ● **Compatibility Issues**: different operating systems, browsers, or devices affecting the app's usability and accessibility

PROJECT RISKS:

- ● **Resource Constraints:** Deadline is not met or budget not sufficient
- ● **Change Management**: resistance to change from stakeholders
- ● **User Data** (banking related data, invoices, purchases etc) might be impacted with update tests

2.2 Test analysis

- We analyze the API Documentation & User Guides in order to develop the most suitable test conditions

2.3 Test design

all the test cases are written and reviewed

1. **Login** successful
2. **Partners Section** - **Clients & Suppliers**
- Types of Clients & Suppliers appear on the page with their names, Registered number, phones, emails & websites
- Functionality of the three main buttons (Export, Actions & New Client/Supplier)
- Functionality of Search Bar
3. **Partners Section - Delivery addresses**

- Entries for delivery addresses should appear on the page for clients, with their names, contacts & status
- Functionality of Export and New Client/Supplier buttons
- Functionality of Search Bar

4. **Wages Section - Employees**
- Employee entries appear on the page with their first name, last name, job title, contract start date & status
- Functionality of the four buttons (Export, Import, Actions, New Employee)
- Functionality of Search Bar

5. **Wages Section - Salaries**
- Salary entries appear on the page with the employee name, salary description, calculation date, status, payroll, gross salary, net salary,currency
- Functionality of Search Bar
- Functionality of the four main buttons (Export, Actions & New Salary, New Salaries for many)

This focused test design emphasizes testing scenarios specifically related to the Partners and Wages sections of SimplBooks.com, ensuring thorough coverage of key functionalities and user interactions within these areas.

2.4 Test implementation

- all the test data is available and reviewed (test data= email & password credentials, different types of currencies, different types of credit cards)
- All permissions and GDPR approvals for personal data received
- Execution of smoke testing is the top priority

- Non-functional performance testing should be completed for purposes of reliability testing and volume testing

- Non-functional tests should also include usability and security testing

- Starting with the Partners Section, we should check whether users are able to add or search for entries of clients and suppliers in the corresponding subsection, to import or export lists and to add invoices for those clients.

- Moving on to the Delivery addresses Tab, users should be able to add and search for entries of addresses for each of their clients

- Furthermore, in the Wages section and then Employees sub section, users should be able to add and/or search for entries of employees, import or export lists with them

- Whereas, in the Salaries subsection, users can add salaries for either one individual employee or for multiple ones

2.5 Test execution

- Tests are run on the following browsers: Chrome and Mozilla Firefox to double check whether there are any discrepancies
- All bugs found are documented and then reported to the development team
- If bugs are fixed we will perform retests and if code is being changed we use regression testing in order to check whether all bugs have been fixed

2.6 Test closure

- All bugs are fixed and 90% tests are passed
- no Critical issues have Open status
- Test completion report and all the documentation was handed to the stakeholders

2.7 Test monitoring and control

- Weekly and monthly reports until deadline is met
- All open tasks and bugs are to be closed
- Continuous analysis and improvement of processes and lessons learnt

   3.   Test deliverables
3.1   Test plan - link to test plan

3.2   Test conditions

==================== TEST CONDITION 1 ===============================
Summary*: Login on SimplBooks account with correct email and correct password*

Preconditions*: E-mail address & password correct*

Test steps*: Step1- add correct email*
             Step2- add correct password
             Step3- click on **sign in button**

Expected result*: login successful*

Verifying that the user can login on the account, through functional testing (validates the correctness of a functionality in the application) and positive testing (validates a situation that should happen in real life)

==================== TEST CONDITION 2 ===============================
Summary*: Login on SimplBooks account with incorrect email and correct password*

Test steps*:Step1- add invalid email*
             Step2-add correct password

Step3- click on **sign in button**

Expected result: login failed

Verifying that the user can login on the account, through functional testing (validates the correctness of a functionality in the application) and negative testing (validates a situation that should not happen in real life)

================== TEST CONDITION 3 ==============================

Summary: Login on SimplBooks account with empty credentials

Test steps: Step1- empty email field
            Step2- empty password field
            Step3- click on **sign in button**

Expected result: login failed

Verifying that the user can login on the account, through functional testing (validates the correctness of a functionality in the application) and negative testing (validates a situation that should not happen in real life)

================== TEST CONDITION 4 ==============================

Summary: New delivery address entry on Partners section

Test steps: Step 0 - deschidem pagina
https://app.simplbooks.com/8ed0ada8dd65db35c949952b61ca0378/client_locations/add
            Step1- introducem detalii client
            Step2- introducem delivery address details
            Step3- click pe butonul de delivery address

Expected result: o noua adresa de livrare este adaugata

Verifica faptul ca utilizatorul poate sa adauge in cont o adresa de livrare daca are detalii client & detalii adresa corecte, prin testare funcțională (validează corectitudinea unei funcționalități din aplicație) și testare negativă (validează o situație care nu ar trebui să se întâmple în viața reală)

================== TEST CONDITION 5 ==============================

Summary: New employee entry on Wages section

Test steps: Step 0 - open page

https://app.simplbooks.com/7d2d610c44bb455b398810d3a9e1c809/employees
   Step1- click button "New employee"
   Step2- add Main details, Bank details and employment data
   Step3- click on "save employee" button

Expected result: _a new employee entry is introduced in the system_

Verifica faptul ca utilizatorul poate sa adauge in cont profilul unui angajat daca are detalii legate de nume, adresa corecte, perioada de angajare, detalii bancare etc prin testare funcțională (validează corectitudinea unei funcționalități din aplicație) și testare negativă (validează o situație care nu ar trebui să se întâmple în viața reală)

3.3 Test cases
https://itfclasses.atlassian.net/projects/CAM?selectedItem=com.thed.zephyr.je__test-cases

3.4 Daily test summary report
 - link to daily test summary report (number of tests ran today, % of them failed, passed, re-test, etc)

3.5 Traceability matrix
https://itfclasses.atlassian.net/projects/CAM?selectedItem=com.thed.zephyr.je__traceability-project-level

3.6 Test case results
 - link to test case results

3.7 Bugs report
 - link to bugs report

3.8 Test completion report
https://itfclasses.atlassian.net/projects/CAM?selectedItem=com.thed.zephyr.je__test-summary-project-level

3.9 Schedule

GUI testing
Testare de compatibilitate
-> Acest tip de testare validează **capacitatea interfeței web de a afișa toate componentele unei pagini web în același mod pe toate browserele** (sau cel puțin pe cele mai utilizate). Ne interesează în principiu orice fel de neconcordanță între afișajul din două pagini.
-> Chrome & Mozilla
-> Layout desktop & iphone 14 pro max