

Testing Plan

Project: Confecciones Jomar

Version history

Date	Author	Comments
09/28/2022	Mateo Castillo	V1. Exploratory testing for "Confecciones Jomar"

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1.Introduction

The purpose of this document is to provide the information, tools, and the required framework for planning and developing the testing process activities for the backend of the four main modules named “Register, “Login”, “AdminUser”, and “TransactionalUser” .

1.1 Context

Confecciones Jomar company wants to build the backend of a health system application. There will be 4 main modules described below.

Modules Summary				
Module	Register	Login	AdminUser	TransactionalUser
Description	Register a user	Login with a user	User operations	User operations
Actions	1. Register new user	1. Login with a user 2. Update user's info 3. Log out	1. Create health journey 2. Update health journey 3. Delete health journey 4. Filter health journey by id 5. Filter register by username	1.Create appointment 2.Update appointment's info 3. Cancel appointment 4.Filter my appointments by id 5. Filter my appointments by date

2. Resources

Tester	% Involvement	Seniority
Mateo Castillo	100%	Junior

3. References

- Specification of project requirements
- User stories
- ISO 29119

4. In Scope

Sprint number	Objectives
1	Exploratory testing for backend on Register, AdminUser, and TransactionalUser using manual testing
2	
3	
N	

5. Out of Scope

Non-functional quality items such as performance, security system and usability will not be tested. Also Front-End will not be in scope for these testing activities. The company will put other personnel in charge of these activities. Changes or additions to product features are not expected nor taken into account at this stage. Besides, automation testing is not going to be used in this exploratory testing, among others.

6. Infrastructure and assumptions

6.1 Software testing infrastructure

Software Tool	Version	Usage
Postman	9.4	API testing
API (Jomar API)	1.0	Test

For this exploratory testing project, Postman is going to be used for testing the different functionalities of Confecciones Jomar API.

6.2 Assumptions

- Translation has been tested before being delivered in both languages English and Spanish
- Unitary testing has been practiced on the product
- All software resources have been installed and the hardware resources are available for testing
- User stories have been created for making the test cases
- Testers involved in the project have access to the API repository for the testing activities

7. Risks

7.1 Risk project

ID	Risk Factor	Risk	Probability	Impact	Severity	Mitigation plan
R1	Hard-to-understand API documentation	There could be some difficulties at the moment of reading the API documentation since it is not clear enough	High	High	High	Consult with the API provider for further information
R2	Seniority	The tester involved in the project is a senior tester	Medium	High	High	Have tutoring or advising if necessary from other mature teams
R3	Lack of user stories	User stories weren't given for this project	High	High	High	Ask for the creation of the user stories with the personnel in charge

7.1 Application risks

ID	Risk Factor	Risk	Probability	Impact	Severity	Mitigation plan
R1	Ambiguous project name	The name of the project doesn't fit with the project's intentions	High	High	low	Consult with the product owner about the project's name
R2	Lack of system's requirements	The project is not enough documented so it could create bugs in the application	High	High	High	Consult the product owner in order to get more details about the project
R3	Lack of API and API documentation	The API has not been given yet to test it	High	High	High	Consult with the developers about the API and API documentation for starting testing as soon as possible

*** Template taken from Agile Testing of Lisa Crispin and Janet Gregory.
