[Qalb+]

Planning: Master Test Plan

Test Scope

This test plan will test all 3 requirements: registering a user, treatment provider search, and appointment booking for the web application Qalb+ release 1.1 , which will be tested by Group 4 team to ensure that all functionalities run the way they have to. This master test plan covers integration testing, user acceptance testing, and regression testing.

For the scale of the project unit testing will not be implemented, however as the project proceeds from the beta stage the unit testing will be performed by an external vendor according to development teams specifications.

Test Features

This is a description of the features that will be tested within the scope of the test plan. The list represents what will be tested as well as the individuals/groups involved with the testing activities.

BR #	Feature	Responsible party or groups
1	Register User	Maimuna
2	Webpage view	Maimuna
3	Treatment provider search	Ali Jafri
4	Treatment provider list	Ali Jafri
5	Distance measurement for Treatment providers	Ali Jafri
6	Valid appointment slot	Ali Jafri

Test Inputs/Outputs

This is a description of the inputs that will be used to assist with the testing effort and a list of the outputs that will be delivered from the testing effort.

Inputs	*Outputs*
User general inputs	*Test Results*
	Defect Log
	Issues Log
	Change Request Log

Test Strategy

This is a description of the recommended testing approach for this project. This describes "how" the test items and features will be tested.

Test Type	Description	Comment
Basis path testing	*These Tests made to make sure every possible user case/path works according to the requirements.*	Performed by members of Group 4
Interface testing	*This type of tests were done especially for regsitration/login forms to make sure correct input including right data types is passed and inturn stored properly in the database.*	Performed by members of Group 4
Integration Test	*This type tests all changed functionality end to end. For our project, we are planning to use the hybrid/sandwich approach.*	Performed by members of Group 4
User Acceptance Test	*This tests all changed functionality of a system from the end-user perspective.*	Performed by members of Group 4
Regression Test	*This tests the entire system to ensure that any untouched functionality did not get adversely impacted by the project-related work.*	Performed by members of Group 4

Test Environment (tools, system, databases)

This is a list of the testing tools, systems, and databases.

Tools	Description	Version
DjangoTestClient	Simulate URL requests and get response	4.1
Manual input	Manual entry of data onto screen or gui.	n/a
System		
PC	Personal Computers	
Database Models		
Test TP database	used for initial testing	
Appointments	present in final product	
Users	present in final product	

Test Roles and Responsibilities

This is a list of the testing roles and responsibilities.

Example:

Resource	Role	Responsibility
Ali Jafri	Tester	• Executes test cases, logs defects, and documents test results. • Communicates test results to the team • Documents test plan. • Identifies, documents and prioritizes test cases related the Search Treatment provider and Book Appointment use cases.
Saoud Almansoori	Tester	• Documents test plan • Identifies, documents and prioritizes test cases. • Evaluates effectiveness of test effort. • Communicates test results to the team
Shamma	Tester	• Executes test cases, logs defects, and documents test results. • Communicates test results to the team

Raiyan	*Tester*	• *Executes test cases, logs defects, and documents test results.* • *Communicates test results to the team*
Maimuna, Group 4	*Tester*	• *Executes test cases, logs defects, and documents test results.* • *Communicates test results to the team* • *Documents test plan.* • *Identifies, documents and prioritizes test cases related to Registration Feature*

Test Milestones

This is a list of the critical test milestone dates.

Task	Milestone Date
Setup Test Environment	11/25/22
Complete Integration Testing	11/30/22
Complete User Acceptance Testing	12/04/22
Complete Regression Testing	12/05/22

Document Approval

The signatures below acknowledge that the test plan outlined above is complete and accurate. Upon receiving written approval, the project team will proceed to the next step of the project.

If anything changes during the execution of the project, the test plan will be updated and re-approved accordingly.

Approved by: Printed name	Approved by: Title	Approved By: Signature/Date
ALI JAFRI	Group Member	12/05/2022
MAIMUNA ZAHEER	Group Member	12/05/2022
SHAMMA ALKHOORI	Group Member	ShammMK 12/05/2022
SAOUD AL MANSOORI	Group Member	12/05/2022
RAIYAN REZA	Group Member	12/05/2022