

careConnect

Planning: Master Test Plan

Test Scope

This test plan will mainly focus on the validation testing of three significant user cases, including making an appointment, making an electronic medical record, and online consultation. This test plan includes the integration testing, regression testing, and validation testing. It will not include unit testing and system testing.

Test Features

This section includes the main features involved in testing and the responsible individuals.

BR #	Feature	Responsible Individuals
1	Filter to search for medical centers	Xiaochen Yu
2	Book a medical appointment	Xiaochen Yu
3	Profile	Yuki Longyan Li
4	Online consultation	Yernar Mukayev

Test Inputs/Outputs

This section includes the inputs for the testing plan, and the deliverable outputs after the testing.

<u>Inputs</u>	<u>Outputs</u>
Software Requirements Specifications	Test Results Report
	Defect Log
	Change Request Log

Test Strategy

This section describes the testing methods that will be used.

<u>Test Type</u>	<u>Description</u>	<u>Comment</u>
Integration Test	This type tests all changed functionality end to end.	
User Acceptance Test	This test ensures that end users' requirements are satisfied by this software.	Ideally, this test requires the end users.
Regression Test	After some modification of codes to debug, this testing repeats executing some tests to ensure the functionality.	
Validation Testing	This testing makes sure that the functionality and performance of this software are satisfied.	

Test Environment (tools, system, databases)

<u>Tools</u>	<u>Description</u>	<u>Version</u>
Unix Shell Scripts	use sequence of commands	In house
Manual input	By manually enter the values/data	N/A
<u>System</u>		
Test System		
PC		
<u>Database</u>		
Mongodb		2023

Test Roles and Responsibilities

<u>Resource</u>	<u>Role</u>	<u>Responsibility</u>
Xiaochen Yi	Tester Designer &Tester	<ul style="list-style-type: none">● Check the test environments and assets● Design the test plans and test cases● Execute the test cases and and reports the defects● make modification based on the bugs
Yernar Mukayev	Tester Designer &Tester	<ul style="list-style-type: none">● Implement the test plans● Report the defects and make modification based on the reports
Yuki Longyan Li	Tester Designer &Tester	<ul style="list-style-type: none">● Design test plan● Implement the test plans● Execute the test cases● Record the test results● Reports the bugs and make modifcations

Test Milestones

<u>Task</u>	<u>Milestone Date</u>
Setup Test Environment	15/04/23
Complete Integration Testing	20/04/23

Complete Validation Testing	25/04/23
Complete Regression Testing	27/04/23
Complete User Acceptance Testing	01/05/23

Document Tracking

Date	Action Taken	By Whom
20/04/23	Test cases updated	Xiaochen Yu
22/04/23	Test plans updated	Yuki Longyan Li
03/05/23	Test cases updated	Yernar Mukayev
03/05/23	Test cases updated	Yuki Longyan Li
03/05/23	Test cases updated	Yuki Longyan Li