

Test plan for Medic

Application is created for possibility to make an appointment to a doctor online when it's comfortable for a user (a patient).

Revision and Sighoff Sheet

Documents History

Version	Date	Author	Description of Change
1.0	23.04.2023	Nuzhnenko Lyudmila	Draft

Approvers List

Name	Role	Approver / Reviewer	Approval / Review Date
Sur Maksim		Reviewer	25.04.2023

Reference Documents

Version	Date	Document Name
1.0	19.04.2023	Test Policy

Table of contents

01. Scope of work

- 1.1 Components and Functions to be Tested
- 1.2 Components and Functions Not to be Tested
- 1.3 Levels of Testing

02. Quality and acceptance criteria

- 2.1 Definition of Ready
- 2.2 Definition of Done

03. Resources

- 3.1 Test Team Roles and Responsibilities
- 3.2 Testing Tools
- 3.3 Environments

04. Test documentation and deliverables

05. Defect and documentation tracking

- 5.1 Bug Priority Definitions
- 5.2 Test Cases Priority Definition

01. Scope of work

1.1 Components and Functions to be Tested

Registration form – smoke testing, critical path testing

Login form - smoke testing, critical path testing

Search bar - smoke testing, critical path testing

Notifications - smoke testing

Add appointment form - smoke testing, critical path testing

Personal profile settings - smoke testing

Appointments list - smoke testing, critical path testing

1.2 Components and Functions Not To be Tested

Performance testing

Security testing

Failover and recovery testing

1.3 Levels of Testing

- Unit Testing;
- Integration Testing;
- System Testing;
- Acceptance Testing.

02. Quality and acceptance criteria

2.1 Definition of Ready

- Availability of testing requirements, user stories;
- Availability of test environment;
- Availability of necessary test tools;
- Availability of test data and other necessary resources.

2.2 Definition of Done

- Planned tests have been executed;
- A defined level of coverage has been achieved;
- The number of unresolved defects is within an agreed limit.

03. Resources

3.1. Test Team Roles and Responsibilities

Project Role	Responsibilities
Project owner	Formation of requirements
Developers	Unit testing, Integration testing
QA team lead	Writing of Test Deliverables, Requirements testing, Integration testing, System testing
Senior QA engineer	Requirements testing, Integration testing, System testing
Junior QA engineer	Integration testing, System testing

3.2 Testing Tools

Tool	Comment
Jira	Requirements and bug tracking system
TestRail	Check lists, test cases and test suites
Confluence	Wiki tool
Postman	API testing

3.3 Environments

Environment name	Purpose
Development environment	Making changes during development
Testing environment	Checking quality of application without changes in code
Production environment	Tested and released application for users

04. Test documentation and deliverables

Title	Responsible person(s)
Test Strategy	QA team lead
Test Plan	QA team lead
Test Scenario	Senior QA engineer
Test cases and Check-lists	QA team lead, Senior QA engineer, Junior QA engineer
Bug Reports	QA team lead, Senior QA engineer, Junior QA engineer
Test Summary Reports	QA team lead, Senior QA engineer

05. Defect and documentation tracking

5.1 Bug Priority Definitions

Priority	Description
P1 - High	Must be resolved as soon as it affects the system adversely
P2 - Medium	Can be fixed in the ordinary course of development and testing.
P3 - Low	Can be fixed at a later date.

5.2 Test Cases Priority Definition

Priority	Description
P1 - High	Allocated to all tests that must be executed in any case
P2 - Medium	Allocated to the tests which can be executed, only when time permits.
P3 - Low	Allocated to the tests, which even if not executed, will not cause big upsets.