

# Test Plan

This test plan documents identifies which ENSEK software features will be tested, what and how testing will be performed, who is the responsible QA for each type and when the testing will be completed.

## Test Identification planner:

System to Tested: ENSEK web application  
(<https://ensekautomationcandidate.test.azurewebsites.net/>).

Version: 1.0

Responsible QA: Umar

Date: 18 Sept 2024

## Use Case / Test Case Documents

Test Cases of all Features, which will be tested are documented and signed off by PM ABC.

\*\* Test case will be attached to this document.

## Test Scope

End to end testing will be performed on ENSEK, which also includes,

- Design,
- Component testing
- Cross Browsers testing
- Accessibility support
- Performance
- Security Testing

## **Test Environment.**

Test will be executed on both Windows and MAC platforms. Mobile devices are not a part of this testing.

If QA require Data or permission to access, then it must be given before Test scheduled.

## **Access check for Environments**

Responsible QA must have permission to access required Data or Endpoints or Environment, which is needed to all documented test cases and above.

## **Features to be Tested**

Objective is to perform End to end testing of all main and sub features, which includes Home, (sub features of home), Login, registration, etc.

\*\* Features which to be tested are well documented in Testcase documented.

## **Methodology to Follow**

Agile methodology will be used, as requirements are constantly changing, so QA can adapt, design and execute test cases quickly.

## **Test Methods**

Once the testcase are documented and signed off, QA will perform Manual testing. Once acceptance criteria are passed then QA will be doing Automation testing on the system.

Automation Tools:

- Selenium (Specflow)

Manual testing:

- Feature testing
- Regression testing,
- Sanity testing

- Usability testing

#### API Testing Tools

- Postman

### **Criteria Determination**

Criteria which will determine the success of the ENSEK application development.

- Test cases pass rate is more than 95%.
- There are no bugs
- All critical test cases passed.

### **Abort Test Criteria**

Test will be abort if critical bug is raised which may affect other functionalities in the system and this will happen after coordinating with PM and DevOps.

Test will only be resumed when critical bug is fixed and tested.

### **Test Artifacts**

All test documents will be shared within the QA team, clients and other stakeholders associated with this project.

### **Testing Schedule**

Test will be started once Test Plan is signed off which is on 19.09.24. Each test process phase be met with deadline of 1 week.

\*\* Testing schedule will be updated accordingly during test process.