**Test Strategy-EKSAQ**

**Objective**

EKSAQ (Education, Knowledge, Skills, Aptitude, Attitude, and Abilities for Qualification), are a K-12 education start-up. They are resolved and committed to solving critical trade-offs that the education system faces today. It provides diversification of educational opportunities to develop generic and employability skills. The Objectives of this document is to draft a test strategy to test the Eksaq online learning website(https://uat.eksaqonline.com/) within the scope discussed below.

**Approach**

Application contains multiple modules with intersystem dataflow. The approach for this application is to test module by module and perform integration testing based on the demands from the end user. The modules to be tested are mentioned in scope and the testing methodologies discussed based on the requirement.

**Scope**

**In scope**

* Login module with valid input data.
* Courses module.
* Cart module.
* Payment module.
* Accessibility and features of end users.

**Out scope**

* Rest of the modules in the website.

**Test Methodologies**

* Non-Functional – Performance, Security testing (Login credentials).
* Automation testing – Integration testing.

**Tools and Technologies**

* JAVA-Selenium with TestNG framework.
* Browser: Chrome – Version 124.0.6367.63
* IDE: Eclipse.
* MS office.

**Platform**

* Environment – Production.
* OS - Windows 11.
* Device Configurations – Processor – Intel i5, RAM - 8Gb, Storage - 512SSD.
* Browsers – Chrome

**Testing Team/Tester**

* Hariharamanikandan K

**Deliverables**

* Test Strategy.
* Test Execution Reports – TestNG report.
* Extent HTML Report.

**Summary**

Test Strategy provides an overall roadmap to approach the testing needs for the application based on the given requirements. The technologies, testing methodologies, tools and all provided information above ensure to get the best out of the application. As discussed above, the testing will be proceeded and deliverables will be provided. This summarises the Test strategy.