QA BACKLOG for FIIStudent

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1 Testing cycle

1.1 Requirements:

Has to be specified by front end and back end teams, with a Requirements specification document, an Application design document, and an User acceptance criteria document. QA should understand the feasibility of the requirements, and whether is testable or not. We will see if the project's tests require automation, by doing an automation feasibility study. Our job: RUD, testing feasibility report and Automation feasibility report.

1.2 Planning:

In this phase we will define the scope of the project with a Test Plan document. The QA team will perform a test estimation, determine the overall testing strategy and process and identify the necessary tools. Second phase: Test plan document, Test estimation document.

1.3 Analysis:

Updated requirements document, Test plan document, Risk document, Test estimation document. Identifying detailed test conditions==Test conditions document.

1.4 Design:

Identifying the test data and create the traceability metrics.

1.5 Implementation:

Creating and reviewing the test cases, creating and reviewing automation scripts(where necessary), identifying the candidate test cases for regression and automation, creating the test data. Objectives: Test cases, test scripts, test data.

1.6 Execution:

Using test cases and test scripts, we will perform the actual tests. Objective: Test execution report, Defect report, Test log and Defect log, Updated requirement traceability metrics.

1.7 Conclusion:

Providing the accurate figures and results of testing, identifying the risks which have been mitigated. Objectives: Test summary report, updated risk management report.

1.8 Summary:

Our QA team will establish tests (automated or not), for the website's functionality. We will point out any bugs/defects/problems with the developer's part using black and white box testing. Every test section within the test cycle will have it's own report. Technologies used will vary, from java, python and other frameworks specialized on testing. Tests to be done: Integration Tests, Verification Tests, Stress Tests, Validation Tests, Regression Tests.

1.9 Closure:

Test closure condition, test summary report. Obj.: final test report, containing all bugs and defects to be solved by front end and/or back end team in the next iteration.