

Test Automation test instructions

Background

You have been assigned a role as test automation specialist in an agile development team. The product under development is called "EHS" and it is just starting to take form. You have been sent in to establish a test automation starting point and best practice reference project for the other test developers arriving next week. They will base their tests and reports on your reference project over the next 5 years.

The task

Your task is to build the fundamentals for successful test automation and make the strategy for agile test development easy for the new test developers to follow.

The first sprint will deliver three stories that should be put into an automated regression test suite after initial manual session based testing has provided confidence in their functionality.

Story 1

As an administrator of the EHS system I want to be able to see all the available products so that I can make faster decisions.

Story 2

As an administrator of the EHS system I want to see detailed information about a specific product so that I know that the system is up to date.

Story 3

As an administrator of the EHS system I want to be able to search for a specific product so that I can get faster access to its product details.

Execution

Remember you will not be the only one in this project, it is important that you create a well structured and working foundation for the rest of the test developers to continue working on, adding new tests and maintain.

The deliverables should be written in code in one of the following accepted languages VBScript, C#, Python, Ruby or Java.

Important: Do not implement the test tool itself, only the tests and their supporting framework. Use the API supplied for reference on what methods are available.

Total time available is 24hours, starting when the applicant receives this document with its accompanying artifacts (Screens, Application and ExecutionToolJavaDoc).

The created artifacts should be sent, or linked if online, by email to the assigned test examiner.