TEST PLAN

(For QA Developer Exercise)

Document Change History

Version Number	Date	Contributor	Description
V 1.0	2020-01-23	----	Create

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1 Introduction

The Test Plan has been created to communicate the test approach to team members. It includes the objectives, scope, schedule, risks and approach. This document will clearly identify what the test deliverables will be and what is deemed in and out of scope.

1.1 Objectives

QA Developer Exercise application allows adding and removing items from a list. The application is simple and not connected to a database, so reloading the page will clear the application state.

1.2 Team Members

Resource Name	Role

2 Scope

The test scope only includes the functional testing for ***Adding a New Item to the List*** function.

3 Test Environment

• Node.js version 10 or greater
• Yarn
• Chrome
• ChromeDriver (for Automation Test)
• eclipse (for Automation Test, it should be something like Jenkins)
• JDK 1.8 (for Automation Test)

4 Test Cases

ID	Description	Priority	Pre-condition	Test Steps	Test Data	Expected Result
1	Enter letter title (between 10 and 20 characters)	High	None	1.Enter title 2. Click "Add Item" button	abcdefghijk	Adeed successfully.
2	Enter number title (between 10 and 20 characters)	High			12345678901	Adeed successfully.
3	Enter Special characters title (between 10 and 20 characters)	High			~!@#$%^&*()	Adeed successfully.
4	Enter a title with space before it (letter between 10 and 20 characters, total > 20 characters)	Low			" abcdefghijklmno"	Adeed successfully. The added item should without the space.
5	Enter a title with space after it (letter between 10 and 20 characters, total > 20 characters)	Low			"abcdefghijklmno "	Adeed successfully. The added item should without the space.
6	Enter a title (= 20 characters)	High			abcdefghijklmnopqrst	Adeed successfully.
7	Enter a title (> 20 characters)	High			abcdefghijklmnopqrstu	Added failed. A message "Title can be at most 20 characters."
8	Enter a title (= 10 characters)	High			abcdefghij	Adeed successfully
9	Enter a title	High			abcde	Added failed.

	(< 10 characters)				A message "Title must be at least 10 characters."
10	Enter a space title (between 10 and 20 characters)	High		" "	Added failed. A message "Title must be at least 10 characters."
11	Enter a empty title	High	1. Click "Add Item" button		Added failed. A message "Title must be at least 10 characters."

5 Milestones / Deliverables

5.1 Test Schedule

Task Name	Start	Finish	Comments
Test Planning	2021-01-23	2021-01-23	
Deploy to QA test environment	2021-01-23	2021-01-23	
System testing	2021-01-23	2021-01-23	
Regression testing			

5.2 Deliverables

Specify the planned testing deliverables which may include:

• Test Plan (include Test Case)
• Test Results
• Test Summary Report