Solw' IT

TEST PLAN

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TABLE OF CONTENTS

I. INTRODUCTION

1.Introduction

Describes the background of the creation and structure of the Test Plan document.

2. Scope of document

Defines the scope of the project to which the document applies. It also defines the areas that have been excluded from the content of this document.

3. References

Contains a list of documents, electronic information, or repositories related to the test plan area or may be helpful during its implementation.

4. Glossary

Constitutes a list of phrases, abbreviations, or acronyms with their explanation as this document uses.

II. PLANNING CONTEXT

1.Project/ level / test type

Identifies the project, level, and test level to which the created Test Plan applies. Other information related to the context of the created Test Plan may also be included here.

2. Test elements

A description of the test items to which the current plan applies, together with their version/revision or information on where such data can be found.

3. Range of tests

Contains a description of the individual functionalities of the test items from section 1.2. Functionalities excluded from the scope of testing may also be listed here, along with a justification as to why this is the case.

4. The basis for testing

Lists all the elements (documentation, requirements, etc.) that can form the basis of tests as part of their design and implementation.

III. ASSUMPTIONS AND CONSTRAINTS

Describes all assumptions, requirements, and constraints that may arise from other applicable organization documents, norms, or standards related to the scope described in this test plan.

IV. STAKEHOLDERS

Lists the persons or structures and defines their association with the test area specified in the test plan.

V. TEAM COMMUNICATION

Defines how communication and information flow between the test team members and the other groups in the organization involved in the software development process.

VI. RISK REGISTER

Identifies risks by product and project. If they are already described in another document, this subclause may only contain a reference to that document.

1. Product risks

2. Project risks

VII. TEST STRATEGY

1.General description

Contains a description of the testing approach, detailing the elements in the following paragraphs. If the organization already has the method defined in another document, then there may only be a reference to that document or a listing of deviations from that document within the test plan.

2. Test levels

Specifies the levels at which the tests will be carried out.

3. Test type

Specifies what types of tests will be carried out.

4. Testing products

Lists all items (documents, electronic information, tools) that will be created as part of the execution of the tests described in the test plan.

5. Test design techniques

Includes techniques that will be used to design test cases.

6. Entry and exit criteria

Describes the start and end criteria of the test process for a given level or type of testing. They may apply to the process as a whole or only to a selected stage of the process (planning, design and implementation, execution, etc.).

7. Test completion criteria

Specifies the criteria for terminating the test execution at the selected test type or level. In some cases, these criteria may be the same as in section 6.6. so that only a reference to them can be made here.

8. Degree of testers' independence

Provides information on the degree of technical, managerial, and financial autonomy of the test team.

9. Metrics collected

Provides information on the degree of technical, managerial, and financial independence of the research team.

10. Test data requirements

Specifies the requirements for the test data, how it should be prepared, and the individual or department responsible for this. It may also be a reference to another document describing this aspect.

11. Test environment requirements

Defines the requirements for the test environment, how it should be prepared, and the individual or department responsible for this. It may also be a reference to any other document describing this aspect.

12.Retests

Describes the conditions for range selection and retesting.

13. Regression tests

Describes the conditions for selecting the range and performing regression tests.

14. Criteria for suspension and resumption of testing

Defines the conditions for suspending and resuming the test process or a selected element of it. Identifies the individual responsible for making the outlined decisions.

15.Deviation from organizational testing practices

Lists areas where the Test Plan is non-compliant with corporate testing practices, along with a justification for why this is the case. It may also describe the acceptance path for such non-compliance.

VIII. TEST ACTIVITIES AND THEIR TIME ESTIMATES

Contains an inventory of all test activities within the test process with an estimate of their workload and a budget, if possible. The workload may be expressed in units of time or iterations if it concerns, for instance, a specific range of tests to be performed. This section may also include information related to the dependencies between the different stages of the test process.

IX. TEST TEAM

1. General description

Defines the requirements for the test team to which the Test Plan applies.

2. Roles and responsibilities

Defines the assignment of team roles to specific individuals, their responsibilities, and the hierarchy between them or the organization's structure. It may also be a link to another document describing this area.

3. Recruitment requirements concerning individuals

Defines the requirements for hired individuals, if necessary, for implementing the test process described in the test plan.

4. Training needs

Lists the training the test team should receive in order to possess the skills to carry out the project tasks.

X. SCHEDULE

Sets out the schedule for the entire test process covered by the test plan. It can be given in the form of specific dates or consecutive milestones in the project. Indicates where in time, the information from subsequent milestones should be communicated to other organizational units in the company.