**Test plan**

1. **Identifier**

Test Plan: # 000 001

Version: #001, 24/10/2016

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1. **Introduction**

Master Test Plan is considered to manage operations oriented to verify process of creating software application “Notepad”.

Project documents: \Notepad\Test Plan.docx

\Notepad\Requirements Definition Document.docx

\Notepad\TestCases.docx

\Notepad\ Requirement Traceability Matrix.docx

1. **Test Items**

|  |  |
| --- | --- |
| Requirement Specifications | FR\_1 Ability to open with application already created text file  FR\_2 Ability to save text file typically as “Untitled.txt”  FR\_3 Ability to copy text file typically as “Untitled - Copy.txt”  FR\_4 Ability to delete text file  FR\_5 Ability to change front style and size in text file  FR\_6 Ability to copy/cut/delete/paste text inside text file  FR\_7 Ability to print text file  FR\_8 Ability to insert time and date in text file  FR\_9 Ability to find & replace specific characters or words in text file  FR\_10 Ability to see text in a line/ in a screen in text files  FR\_11 Ability to create a header/footer in text file  FR\_12 Ability to change the way text file looks when its printed  FR\_13 Ability to go to a specific line in text file  FR\_14 Ability to edit system files  FR\_15 Ability to support left\_to\_right & right\_to\_left based languages in text file |
| Design Specifications | No specific requests |
| Users Guides | “Help -> View Help” |
| Operations Manuals | – |
| Installation Manuals | “Notepad” is supposed to be installed with exact version of Windows as a default application |

1. **Features to be tested**

|  |  |  |  |
| --- | --- | --- | --- |
| **Require-ment ID** | **Description** | **Pass criteria** | **Pass/Fail** |
| FR\_1 | Opening with application already created text file | To open already created a file | Passed |
| FR\_2 | Saving text file typically as “Untitled.txt” | To save a file | Passed |
| FR\_3 | Copying text file typically as “Untitled - Copy.txt” | To copy already created file | Passed |
| FR\_4 | Deleting text file | To delete already created file | Passed |
| FR\_5 | Changing front style and size in text file | To change front style of text in text file | Passed |
| FR\_6 | Copying/cutting/deleting/paste text inside text file | To be able to copy/cut/delete/paste text in a document | Passed |
| FR\_8 | Inserting time and date in text file | To insert actual time and date in a document | Passed |
| FR\_9 | Finding & replacing specific characters or words in text file | To find and replace specific characters in a document | Failed |
| FR\_10 | Seeing text in a line/ in a screen in text files | To have two possible views of text | Passed |
| FR\_13 | Going to a specific line in text file | To be able to go to set line in a document | Passed |

1. **Features not to be tested**

Functional requirements FR\_7, FR\_11, FR\_12, FR\_14, FR\_15 are not to be tested.

|  |  |
| --- | --- |
| **Requirement** | **Reason** |
| Printing text file | Lack of resources |
| Changing the way text file looks when its printed | Depending on requirement FR\_7 not tested either |
| Editing system files | Lack of resources |
| Creating a header/footer in the text documents | Lack of resources |
| Supporting left\_to\_right & right\_to\_left based languages in text file | Lack of resources |

1. **Approach**

|  |  |
| --- | --- |
| **Event** | **Details** |
| Creating requirements definition document | 1. Functional requirements  2. Hardware and software specific requirements |
| Creating Major Test Plan | 1. Description of project and its features to be or not to be tested & why  2. Expectations from tests running  2. Stuffing needs, resources needs  3. Risks |
| Creating Test Cases | 1. Test cases for all possibles variations of input from each specific requirement |
| Creating Requirements Traceability Matrix | 1. Be sure that test cases cover all functional requirements of the project |

1. **Environmental Needs**

“Notepad” has to work on all Windows versions since Windows 1.0.

1. **Staffing and Training needs**

One stuff member is enough to complete full revise of requirements and test all features of the project.

Training needs:

* “TestPlanTemplate\_IEE\_829-1998” as formal recommendations to “Test Plan” creation process.
* “Rapid Testing” by Robert Calbertson as formal recommendations to test cases creation process.

1. **Schedule**

|  |  |
| --- | --- |
| **Date** | **Event** |
| 23/10/2016 | Requirements Definition Document |
| 23/10/2016 | Training |
| 24/10/2016 | Test Plan |
| 24/10/2016 | Test Cases |
| 24/10/2016 | Requirements Traceability Matrix |

1. **Risks and Contingencies**

The main possible problem may have connection with lack of required hardware. The only version of Windows which had been checked is Windows 7 Professional.

Also few requirements were not tested which have connection with printing documents and editing system files.