Music\_Editor-01-M-1.0

TEST PLAN

The format and content of a software test plan vary depending on the processes, standards, and test

management tools being implemented. Nevertheless, the following format, which is based on IEEE

standard for software test documentation, provides a summary of what a test plan can/should contain.

Introduction:

• Provide an overview of the test plan.

• Specify the goals/objectives.

• Specify any constraints.

References:

• List the related documents, with links to them if available, including the following:

o Project Plan (Updated and more detailed version of your proposal including a schedule).

o Any other useful information about the project.

Test Items:

• List the test items (software/products) and their versions.

Features to be Tested:

• List the features of the software/product to be tested.

• Provide references to the Requirements and/or Design specifications of the features to be tested

Features Not to Be Tested:

• List the features of the software/product which will not be tested.

• Specify the reasons these features won’t be tested.

Approach:

• Mention the overall approach to testing.

• Specify the testing levels [if it’s a Master Test Plan], the testing types, and the testing methods

[Manual/Automated; White Box/Black Box/Gray Box]

Item Pass/Fail Criteria:

• Specify the criteria that will be used to determine whether each test item (software/product) has

passed or failed testing.

Suspension Criteria and Resumption Requirements:

• Specify criteria to be used to suspend the testing activity.

• Specify testing activities which must be redone when testing is resumed.

Test Deliverables:

• List test deliverables, and links to them if available, including the following:

o Test Plan (this document itself)

o Test Cases

o Test Scripts

o Defect/Enhancement Logs

o Test Reports

Test Environment:

• Specify the properties of test environment: hardware, software, network etc.

• List any testing or related tools.

Estimate:

• Provide a summary of test estimates (cost or effort) and/or provide a link to the detailed

estimation.

Schedule:

• Provide a summary of the schedule, specifying key test milestones, and/or provide a link to the

detailed schedule.

Staffing and Training Needs:

• Specify staffing needs by role and required skills.

• Identify training that is necessary to provide those skills, if not already acquired.

Responsibilities:

• List the responsibilities of each team/role/individual.

Risks:

• List the risks that have been identified.

• Specify the mitigation plan and the contingency plan for each risk.

Assumptions and Dependencies:

• List the assumptions that have been made during the preparation of this plan.

• List the dependencies.

Approvals:

• Specify the names and roles of all persons who must approve the plan.

• Provide space for signatures and dates. (If the document is to be printed.)