# TEST PLAN OUTLINE

# (IEEE 829 Format)

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**IEEE TEST PLAN TEMPLATE**

# 1. Test Plan Identifier

Test Plan number 1.

Teacher: Dr. ir. N. Goga

Team members: Ivanne Sanchez

Omar Ahmad Mohssen

Maywadee Soytong

|  |  |  |  |
| --- | --- | --- | --- |
| Day | Action | TestPlanIdentifier | Actor |
| 20.11.2015 | Write the document | 1.1 | Ivanne Sanchez, Maywadee Soytong |
| 16.12.2015 | Describe some use case and expected results\* | 2.1 | Ivanne Sanchez, Maywadee Soytong |
| 16.12.2015 | Write unit tests for :  - the console  - the game logic  - the parsing from the file that this game application use as DataBase\* | 2.2 | All |
| 23.12.2015 | Write integration tests\* | 2.3 | All |
| 23.12.2015 | Perform use tests described in 3.1\* | 3.1 | All |
| 23.12.2015 | Perform some exploratory tests\* | 3.2 | All |
| 10.1.2016 | Finish test report document | 4.0 | All |

# 2. Introduction

This plan is to test our software, initialy described in the short project document. The “formal verification of components design” document contains the promela code and the spin verification of this code. This is the Master test plan level.

# 3.Test Items (Functions)

The two modules of our project, the game logic and the database which is a file, will have to be tested.

# 4. Software Risk Issues

The major software risk issue will be the Impacts on Player of our game. Because the user will have to guess the game in correctly pattern.

# 5. Features to be Tested

- The console of the game

- The game logic

- The parsing from the file that this game application use as database

# 6. Features not to be Tested

* Database security: As security for the file that we use as database.

# 7. Approach (Strategy)

We will do back box tests for the unit test, using the boundary value analysis. We will give to the unit several values and test if the output correspond to what is expected.

For the integration system testing, we will do the white box method to test all the paths of the Game Application.

7.1 Unit test

7.2 A Test tool

# 8. Item Pass/Fail Criteria

The Completion criteria for this plan is a critical aspect of any test plan and should be appropriate to the level of the plan.

• Completion criteria for the Unit test level:

•95% of cases completed.

•At the Master test plan level this could be items such as:

•95% of plans completed without errors

## 9. Suspension Criteria and Resumption Requirements

Not applicable

# 10. Test Deliverables

• Test plan document.

• Test cases.

* Test design specifications.

# 12. Remaining Test Tasks

Not applicable

# 13. Environmental Needs

The following elements are required to run the project. Java JRE must be installed on the computer.

# 14. Staffing and Training needs

Not applicable

# 15. Responsibilities

Team leader - Ivanne Sanchez

Developer - Omar Ahmad Mohssen

Tester - Maywadee Soytong

# 16. Schedule

23/11/2015 : Test – planning document

09/12/2015 : test planning document

16/12/2015 : unit tests

23/12/2015 : integration tests

11/01/2015 : Test Report Document

# 16. Planning Risks and Contingencies

Not applicable

# 17. Approvals

Dr. ir. N. Goga will have to approve this test plan in order to proceed to the tests.

# 18. Glossary

Not applicable