**Test Generator**

Use-Case Model

Version <1.0>

Revision History

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**Use-Case Specification: <Use-Case Name>**

# Use-Cases Identification

**Use case:** Create test

**Level:** sub-function

**Primary actor:** User

**Main success scenario:**

1. Initialize test

2. Add test items

3. Save test

**Extensions:** Don’t save corrupt test

**Use case:** Run source on tests

**Level:** user level

**Primary actor:** User

**Main success scenario:**

1. Select source

2. Create test model

3. Create tests or choose how many

4. Compile source

5. Run executable multiple times on each source

6. Log score and time for each test

7. Show a detailed result of each test

**Extensions:** Stop execution if source not compiled

**Use case:** Stress Test

**Level:** user level

**Primary actor:** Admin

**Main success scenario:**

1. Select primary source

2. Select secondary source

2. Create test model

3. Choose how many tests to be computed

4. Compile sources

5. Run each source on every test

6. Log success ratio with time details

7. Show a comparison between the two sources

# UML Use-Case Diagrams

