# Introduction

Test plan identifier

Group members and their roles

Purpose of the test plan/Motivation:

* Try to identify errors.
* Track the progress regarding the schedule sett. Oranize
* High quality with respect to specific criteria.
* Check fulfilment of requirements.

Information about the SUT: The purpose of this system is to provide a comment (as a String) of events that happened in the past or are planned for the future, based on their date. Etc.

# Test items

SUT. The EventNarrator

# Features

RQ1:

RQ2:

RQ3:

# Tools

# Methodology/Approach

TDD. Regression testing. Top down approach. Metrics: coverage, the number of test cases, the number of classes with at least one test case.

Test criteria:

* Unit level: all classes, achieving at least 50% coverage.
* Acceptance testing level: (requirements) to check that every scenario of every requirement is satisfied.

# Pass/fail standards

* Unit level: all the assertions pass.
* Acceptance level: linked to the requirement.

# Acceptance tests

|  |  |  |
| --- | --- | --- |
| Requirement | Criterion | Test Cases |
| Print the duration of an event, if the event took more than a day. For example, “The climbing competition lasted for 3 days”.  If the events last for month or years, use the appropriate timescales and values. | 1. For an event that lasted one day, an empty string should be returned. | testReq2\_0\_a()  testReq2\_0\_b() |
| 1. For an event that lasted between 2 and 30 days (inclusive), the following string should be returned: “X lasted for Y days”, where X is the name of the event, and Y is the duration the event in days. | testReq2a\_a()  testReq2a\_b() |
| 1. For an event that lasted more than one whole month, the following string should be returned: “: “X lasted for Y months”, where X is the name of the event, and Y is the duration the event in months.   \*One whole month could be between 2nd of February and the 2nd of March. | testReq2b\_a()  testReq2b\_b() |
| 1. For an event that lasted more than (or equal to) 365 days (366 if it is a leap year), the following string should be returned: “X lasted for Y years”, where X is the name of the event, and Y is the duration of the event in years. | testReq2c() |
| Print the time passed between two events, provided they are in chronological order. For example, “There were 14 weeks between the start of the course, and the exam”. |  | testReq3\_0() |
|  | testReq3a() |
|  | testReq3b() |
|  | testReq3c() |

# Responsibilities

All members account for the correct implementation of the system.

* Someone: leader
* Other one: responsible for RQ1
* Etc.

# Schedule (may vary over time)

First week: design system.

Second week: implement individual classes and unit test.

Third week: integrate components and create acceptance tests.

# Risks/Limitations

Risks of not testing. Or not testing enough. Or leaving some parts without tests.

# Change control

Specify the changes that the test plan suffered from the beginning.

|  |  |  |
| --- | --- | --- |
| Date | Change | Person |
| 1st April | First draft | All members |
| 7th April | Adapted the schedule | Was done by someone |
| 9th April | Modified the test criteria | Was done by someone |
|  |  |  |
|  |  |  |

# Approval

All group members need to approve this plan. Signs and the date.