NARMS P2P

SAFAPS Acceptance Test Sprint 3

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# Purpose of the document

The document presents how acceptance testing was conducted for the SAFAPS project Sprint 3. The documentation will present whether the required elements for the sprint 3 have been done or not.

# Change history

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Date | Ver. | Author | Section | Details |
| 17/02/16 | 1.0 | Jeremy Harrault | All | First Version |

# 1 Documentation

The documentation is still up-to-date and all modifications are tracked in the revision table. The documents which will be checked are:

* Architecture Description
* API Specification

|  |  |  |
| --- | --- | --- |
| Name | OK/KO | Comment |
| Architecture Description |  | RabbitMQ update  Component diagram needs to be updated because of EntityRepository unaccesible from RabbitMQ callback. |
| API Specification |  | Not updated |

# 2 S&F Evaluation Request

An S&F evaluation request can be performed according to the API Specification.

The request is to be perform if the provided input respect the data format described in the API specification. The expected output needs to be returned if everything went right. If something is wrong in the process of handling and/or storing my request, an error is sent back as response.

The evaluation result is generated and sent back via an HTTP request. This result needs to be compliant with the API specification both with the format and the values.

|  |  |  |
| --- | --- | --- |
| Name | OK/KO | Comment |
| Input/output with API Spec. |  |  |
| Managing request error |  |  |
| Result sent back via HTTP req. |  |  |
| Result with API Spec. |  |  |

# 3 S&F Evaluation Algorithm

The algorithm performed to assess on a stress and fatigue level needs to be implemented. It has to take into account the events sent in the body the S&F request and generates results with the values of these events. This result must be coherent with the sent events: indeed, for instance, “a fatigue level cannot be lower for people working for 3 hours than for people working for 30 minutes.”

|  |  |  |
| --- | --- | --- |
| Name | OK/KO | Comment |
| S&F algorithm implemented |  |  |
| S&F algorithm uses events |  |  |
| S&F algorithm coherent |  |  |

# 4 S&F Evaluation Test cases

In order to tests the request, automated test cases must be implemented. They should request to SAFAPS a S&F request and assert on the expected response in order to deliver a test report.

These automated tests have to regroup a complete set of test cases to demonstrate the proper behavior of the API whatever the input is. I precise that raising an error when the input is not well formatted is a proper behavior.

If you use particular tools or particular procedure for your tests, a document should contain how to setup and launch the test cases.

Finally, alongside your test file(s), the test result also has to be delivered.

|  |  |  |
| --- | --- | --- |
| Name | OK/KO | Comment |
| Automated tests implemented. |  |  |
| Complete set of test |  |  |
| Documented tests |  |  |
| Test result |  |  |