NARMS P2P

SAFAPS Acceptance Test Sprint 3

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Swordfish

– NARMS P2P – New ATCO Reporting and Monitoring System	Publication date	17/02/2016	– SPARCS – Software Product Architecture Resources Control System
	Project name	**NARMS P2P**	
	Subject	SAFAPS Acceptance Test Sprint 3	
	Chapter name		

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		
API Specification		

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		