

SAFAPS Evidence

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"As an External Organization's system, I want to send Stress and Fatigue Request on the behalf of an External Organization's manager, so that I can store Stress and Fatigue profile"

Questions:

- Real/complex algorithm or a simulation?

The algorithm is not really important for now. Just play with numbers that are provided in the request and mix them in a random way to get 2 numbers, Stress and Fatigue.

For example,

Stress = 180 - free_time_between_event_in_minute
=> that gives a number that you scale from -2 up to 5.

Fatigue = work_time in minute
=> that gives a number that you scale from 0 up to 5.

However, the result must be coherent, an ACTO that have more event must be more tired.

You won't be assessed on the efficiency of the algorithm but its coherence so no need to think too much about it.

- About the algorithm, for example, we have to generate Stress and Fatigue evaluation about an ATCO but the request "/evaluations" body has no information about a worker but it's a list of events. Do we have to make some API changes? Or I have not well understood the definition of a Stress and Fatigue Evaluation.

The events sent in body of "/evaluations" request represent the working time of one and only one ACTO. Each event is a working slot in his/her schedule.

⇒ /evaluation performs a S&F evaluation of only one individual at once.

About the API, you are 100% free to make any changes in any document. However, the table of revision must be filled to keep track of these modifications and the version of the document increased. You are free to follow your own rule in terms of document versioning. Yet, if you have any question about the document versioning that I applied, feel free to ask.

Once you have committed a new version of the API specification (not the architecture description), just let me know.