

Customer Meeting Report

08/12/2023

Attendees:

- Stéphane DUGUET (Thales)
- Baptiste BELLIER
- Marie BORDET
- Alexis BONAMY
- Aurélie CHAMOULEAU
- Paul TRÉMOUREUX
- Benoît VAVASSEUR

Progress report:

- A branch "doc" has been created and contains the documentation validated of the Sprints 1 and 2, the poster, presentations and meetings agenda and reports.
- SonarQube has been completely implemented, and was shown during the meeting. Today, all the code is considered (28.3% of test coverage, most of this code is ours). 1 blocker was detected but is easy to fix.
- US #7 (*versioning of configuration settings and produced data*) finished and waiting validation.
- US #9 (*orientation of the different types of people to the different types of zone*):
 - A CSV file containing the various behaviors has been created (for example a worker has more chances to go in work zone during a weekday than during the week-end)
 - This CSV is read by GoLang.
 - Mr. DUGUET asked if the CSV file is a constant or parameterized. This file is a constant for the moment and will impact all the simulations, and it can be changed easily in the file to simulate various population behaviors..
- US #11 (*end of the simulation enhancement*) in development. Squash tests reworked due to an impossibility to respect those written initially. About the two parts:
 - Avoid presence of passengers in the stations at the end of the simulation, the passengers leave their station at the end of the simulation (developed, tested and documented)
 - All trains must be at a terminus at the end of the simulation (test writing and development in progress) - this scenario is better than evacuating passengers from trains at the end of the simulation.
- US #20 (*manage peak attendance*) completely finished, validated, merged and closed. NB: attendance peak will be renamed as "gaussian peak".
- US #28 (*management line closure*) Line closure as developed by the previous team has been debugged. Also, we have started to explore a new way to implement it. Due to this, some questions have appeared.
- TS #38 (*import features bugs fixing*) finished validated, merged and closed..
- US #39 (*configure day type via the HMI*) in development, tests written

- US #40 (*import or export both config files at the same time via the HMI*) created, Squash tests written, in development (the current step concerns the json export)

Questions to customer:Technical questions:

- About line closure (US #28): when an entire line is closed: do the trains stop at the next station or do they stop where they are, even if it's between 2 stations ? What happens to passengers on the trains ? Do they leave the station directly, do they leave after a certain time, or do they stay in the metro ?
 - various line closures events
 - temporary outage (30min to 1h) : stop at the next station without evacuating it, but if this station is empty stay between two stations.
 - long-term line closure : people are evacuated at their destination, the train goes to the terminus but will not accept any other passenger.

Customer's questions:

- Mr. DUGUET informed the team that the final presentation was scheduled to the 24th january at 9 AM (GMT +1)
- Mr. DUGUET asked when the poster presentation will be scheduled. The team doesn't know but will give the information as soon as possible.