Report of MaaS-API working group

19/2/2019, session #19
10:00-12:00, WTC Utrecht Centraal, Stadsplateau 11

Attended by (13+2):
Roberto Reyes Garcia (UTwente)
Bon Bakermans (Ministry of Infrastructure and Water Management
Kushagra Sharma (Radiuz)
Edwin van den Belt (DAT Mobility)
Sonila Metushi (KNV)
Ross Curzon-Butler (Cargoroo)
Jef Heyse (Radiuz)
Stefan Bollars (Innovactory)
Robbert Baart (Paxx)
Marijn Roverts (PON)
Eddy Borremans (Nazza)
Stephan Röösli (SBB)
Matthias Meyer (SBB)
Ruslan Gainutdinov (MaaS Global) – *via teleconference*
Tjalle Groen (Taxistop) – *via teleconference*

1. **Summary of decision points & feedback from actions from previous working session**

   The following tasks were defined during the previous sessions:

No.	Context	Task	Status	Due date
14.2	New parties and companies need an easy way to be updated on the TOMP-API	**Kushagra** will create an onboarding form on github. The mailing list will be updated accordingly. **Ross/Kushagra** to discuss how the page should be accessed.	In progress	4-03-2020
16.3	For vehicle characteristics the Netex standards are used as categories (eg bike). More specific subcategories can also be defined (eg female or cargo bike). Should those be predefined or standardized?	For **all** to discuss. Bon to create thread/channel in Slack for the discussion **Update (22-01-20)**: **Edwin** updated the tables. To be reviewed by the group in Slack	In progress	4-03-2020

		Update (5-02-20): Sonila contacts CEN to give input for the Netex standards.		
16.5	Update of API v1.1	**Vincent** to update TOMP API v1.1 in Swaggerhub	To do	30-01-2020
16.6	TOs and MPs need a (virtual) MP/TO to test the TOMP API	**Ruud** to discuss the issue at a meeting with MPs at Accept Institute. **Update (10-02-20)**: **Edwin** to also get involved in the discussion with Ruud and Accept	Done	19-02-2020
17.1	Governance proposal	**Ross and Bon** to upload latest version of the proposal to Slack for the review of the group.	In progress	4-03-20
17.3	Funding of the TSC developments	**Gemma and Ross** to work in a proposal for the application for funds from the Ministry of I&W	In progress	19-02-2020
18.2	Development of standard for eHubs project in the coming months	**All** to give a technical check and to find collaboration with the TOMP-API.	To do	01-04-2020
18.3	Types of authentication for the TOMP-API	**Jef** to contact the Amsterdam internet exchange for more experience with Oauth authentication **Ruslan** to share his experience with JWT tokens.	Done	19-02-2020
19.1	Identity management	**Stefan** and **Ross** will start working on an one paper regarding identity management for future versions	To do	18-03-2020
19.2	Update of pull request 1.1.2	**Edwin** to update the 1.1.2 based on discussion in the meeting and to merge the request	To do	24-02-2020
19.3	Blueprint v1.2	**Roberto** to update the blueprint. **All** to give feedback and input	To do	24-02-2020
19.4	Options for authentication	**Sonila** to contact iShare for authentication possibilities.	To do	4-03-2020

19.5	Version 1.2 of the Blueprint also needs to include the logos of the different contributors.	**Bon** will send a mail and collect the logos.	To do	24-02-2020
19.6	Identity of the TOMP working group	**Edwin** shares different logo's on Slack and member will vote.	To do	24-02-2020

2. **Approval of report of previous working session**
   The report of the previous working session (#18) was reviewed during this session and has been approved. It will be added to Github.

3. **Walkthrough list of current pull requests & issues**
   - Discussion and walkthrough of pull request for version 1.1.2
   - Identity management: extra field in planning whether person is authenticated or validated. Stefan and Ross will start working on an one paper regarding identity management for future versions (**19.1**). IRMA is a possibility but should be more developed and user friendly. The MP is responsible for the validation of the user requirements.
   - The fare part should also state whether a fare is an estimation or fixed. Class should also be mentioned in the fare part. This can be a free text for the moment and may be specified in the future.
   - Regarding journal states: only TO INVOICE and INVOICE is sufficient.
   - Edwin updates the version and merges the request (**19.2**).

4. **Payments**
   - Discussion about the time between planning and booking and possible changes in fare. A TO is able to give an estimation of a price or an actual price.
   - Also there are different types of fares, for example students, scholars, etc. The TOMP has a free field for these typologies.
   - Roberto updates the blueprint and shares a draft of version 1.2 on Slack (**19.3**)

5. **Authentication**
   - Jef contacted the AMS internet exchange for the authentication issue. AMS-IX will think about a solution for authentication between TO and MP.
   - Other options for authentication also need to be considered. Sonila will inform about the approach of iShare (**19.4**). Ruslan post the JWT authentication approach of MaaS Global on Slack. It is a concept for the authentication between MP and TO. It has to be determined whether this approach is usefull for the TOMP (**18.3**).

6. **Any other business**
   - Version 1.2 of the Blueprint also needs to include the logos of the different contributors. Bon will send a mail and collect the logos (**19.5**).

- Edwin showed some logo's for the TOMP working group. We will vote on Slack for a selection of the logo. Edwin changes the logo's based on the discussion (WG instead of API and a more visible O) and share them on Slack (**19.6**)
- Stephan Röösli and Matthias Meyer of SBB (Swiss Federal Railways) joined the meeting. They are trying to adopt the TOMP-API for shared mobility projects in Switzerland.