Report of MaaS-API working group

21/8/2019, session #7
10:00-12:00, CROW, Jaarbeursplein 22, Utrecht

Attended by (9):
Edoardo Felici (Ministry of IenW)
Edwin van den Belt (DAT Mobility)
Martijn van der Linden (Mobiliteitsfabriek)
Robert Baart (Paxx)
Pim van der Toolen (Intraffic)
Eddy Borremans (Nazza)
Stefan de Konink (Stichting OpenGeo)
Ross Curzon-Butler (Cargoroo) – *via teleconference*
Adrien Debono (Cityway) – *via teleconference*

1. **Summary of decision points & feedback from actions from previous working session**
   Edoardo walked through the decision points and tasks from the Report of session #6. All points have been approved by the attendees.

   The following tasks were defined during the previous sessions:

No.	*Context*	*Task*	*Status*
3.1	In NETEX stop definitions are standardized. It is important that Accept uses this as well in their base code tables, as NETEX will be mandatory starting Dec 1st	Edoardo will refer this to Accept	To-do, will start again in Sep.
3.2	Ross brought up GDPR issues related to fraudulent customers. The obligation to remove end user data might allow misuse, as customers can sign up again	Edoardo will refer this issue to the End user data working group to address	To-do, will start again in Sep.

	without blacklisting. Stefan mentioned that GDPR does allow exceptions to prevent fraud, but this asks for a central organization to keep track of the blacklist on behalf of MSPs/TOs.		
3.9 3.10	Ross put forward different methods for implementing webhooks. Different options were discussed. Himanshu mentioned that Accept already has authorization keys implemented which can be re-used.	Ross will summarize these options on Github, so WG members can start looking into their preferences. (3.9) Edoardo will check possible re-use of Accept authorization processes (3.10)	Work-in-progress To-do, will start up again in Sep.
5.1	As homework for all it was decided that we should have an overview of business models that TOs use, as a check that we are incorporating all the necessary scenarios in the API specifications	See issue #46 on Github	To-do
6.1	Edoardo will write a description to go with the Booking State sequence diagram (6.1)	See issue #9 on Github	Done
6.2	As a next step, it was decided the working group needs to look into Trip Execution states (6.2)	Added to agenda of session #7, discussed during meeting	Done
6.3	The privacy policy was discussed within the MaaS-ecosystem and the relationship with Accept. Ross commented that TOs will most probably object to the high level of insights the data string will give governments in the business of TOs.	Edoardo will refer this to the MaaS-programme for further discussion	Done
6.4	Roberto asked for the release of the documents *MaaS Base Code Tables* and *Connecting a MaaS*	Edoardo will ask if these documents can be released.	To-do

	Service Provider to the MaaS-NL-Router version draft, 0.1 Date: 21 March 2019 and *Woordenboek Reizigerskenmerken.*		
6.5	Edoardo will join together a number of issues containing weblinks into a link list document		Done, available on Github in documents folder

2. **Approval of report of previous working session**
   The report of the previous working session has been approved without comments and will be added to Github.

3. **Walkthrough list of current pull requests & issues**

   Using https://github.com/efel85/TOMP-API/

   Approved during the meeting:

   - No pull requests were made or approved during the meeting

   Issues discussed during the meeting:

   - Issue #46 (homework under action point 5.1) still needs to be filled in by all, so we can have an overview of various business model the API needs to take into account.
   - The Booking State sequence diagram and description made by Edoardo was discussed and approved. See issue #9. Eddy suggested to change one of the two CANCELLED states to reflect the difference between MSP and TO doing the cancelling. Edwin suggested to create a state transition diagram to better illustrate the flow.
     - Edoardo will make a suggestion to modify the Booking State sequence diagram and update this to a state transition diagram (7.1)
   - Eddy brought forward the risk of possible malicious intent during the booking process. Stefan added that this brings forward the discussion about the need for historical logging. Who is going to log what? Can a MSP retrieve historical logging on all transactions from a TO? Pim suggested the currently described GET-call for booking transactions does not specify a time range, so in theory all transactions with a certain booking state can be retrieved.

    - Edoardo will add this to the Github as a backlog item (7.2) for further development after v1.2.
- Trip execution states were discussed and a first proposal was added to Github (see issue #49) for review by others.

4. **Determine tasks for next meeting**
    - See numbered tasks above
    - Everyone is requested contribute to the issues on Github relating to the homework (issue #46)
    - Trip execution flow based on the proposal from this session need to be discussed.
    - How to receive notifications on specific assets through endpoints and webhooks needs to be discussed.

5. **Any other business**
    - The next meeting will take place on 04/09 from 10:00-12:00 at CROW in Utrecht (Jaarbeursplein 22), room TROLLEY.