

Exhaustive list of PO comments about D4.8 with actions taken

- The executive summary list all what it has been proposed and done. Any feedback on the implementations could benefit the document e.g. part of the conclusions included for the backend implementation.
 - *Added at the end of the executive summary:*
As a general architecture, to be as agnostic as possible, we decided to decompose the different services so our Mobile applications can be used using any fleet management provider. Of course, some minor dataflow adaptation might be needed, but the Application Backend we implement is responsible to transform and adapt the data coming from the fleet management API. This makes the ecosystem as robust to changes as possible.

 - We decided to develop the mobile applications using native languages to be sure to obtain the best result possible in terms of usability, and scalability. The AVENUE project is a four-year project and not relying into a third-party framework (to build cross platform mobile application) seems to be appropriate.*
- Figure 2 is Black. AVENUE is a major project, the deliverables as submitted should reflect this.
 - *This is due to a bad PDF export. We apologies deeply for not double checking that.*
- There is good relationship between the objectives and accomplishments and a critique on the actual implementation for the backend component.
 - *Positive comment. No action taken.*
- The traveler application design is described at length, including the rationale for the different design decisions.
 - *Positive comment. No action taken*
- Figure 24 is black, difficult to understand Section 3, the text refers it to Figure 25?
 - *This is due to a bad PDF export. We apologies deeply for not double checking that. The text bellow Figure 25 is really about figure 25.*
- The Driver application is not very easily understood given the description.
Application description
The Driver application is a very simple three screen application.
 - 1- Assignment - The driver can assign to himself a vehicle. This step is done only once when the operator takes his shift. Once the vehicle assigned, the driver / operator has access to two new screens.*
 - 2- Passenger counting - A screen dedicated to the passenger counting. He can simply increase of decrease the amount of people that are coming in or going out of the shuttle*

at any time. This is typically done when the shuttle stops. Using geolocalisation we can map these statistics to vehicles stops. This information is stored and redistributed to the Traveller Application.

3- From this screen, the operator can also change the vehicle he is assigned to.

Stop requests - Finally, the operator can see the new stop requests that are coming through the trip. This information is coming directly from the Traveller Application. With that information the operator can change the path of the shuttle and go pick the traveller up.

Figure 22 Avenue Driver App'

On each of these screens, the operator can logout at the end of his shift.

- Several figures are completely blackened.
 - *This is due to a bad PDF export. We apologies deeply for not double checking that.*
- The need to know the number of available spaced in the shuttles is considered as a necessary information, difficult to obtain today.
 - *This is very true. CERTH and NAVYA are working on video recognition system to enable that feature. More information is available in the In-Vehicle services deliverables. No modification are done in the D4.8 deliverable.*
- There is a good analysis on the end-user perspective as well as on the notion of 'follow my kid'. There are several items that have been partially developed and others that were to be implemented. It is important to understand what shall be available for evaluation as part of the project final efforts.
 - *More information is now available in the next iteration of the out-vehicle services deliverable D4.9. At the time, we weren't sure of the technical possibilities and the maturity of the work done by the partner CERTH about the in-vehicle services needed for the follow-my-kid feature to work. No modification are done in the D4.8 deliverable.*