Unit 10 Seminar

Title: API Demonstrations

In this session, we will review your team's progress for the final submission in Unit 11 by demonstrating your code. Expand the API created in Unit 7 with functionality relevant to your summative code submission.

You are also welcome to demo your summative code assessment in Week 10 if you are complete by then, but the session is arranged for Week 11 to give you the maximum time available. The demonstrations in this seminar are for the API seminar work, without the assumption that your summative assessment development is complete by then.

Read the paper: S. Fiore *et al.* (2019) (in your reading list for this week). Referring to page 117659 and the paragraph, "Through an API or via web pages, ..." write a similar paragraph that applies to the system that you have designed and developed."

In line with Fiore et al. (2019) findings, our LSM App has been thoughtfully designed to facilitate seamless interaction with external stakeholders. Through an API or user-friendly CLI interface, our system offers a gateway for users to effortlessly access and interact with the data and services it provides. This strategic approach allows for a wide array of functionalities relevant to our project, ensuring that stakeholders can harness the power of our system efficiently. As Fiore et al. (2019) highlight the importance of accessibility via API and web pages, our LSM App embraces this approach to deliver an enhanced user experience and cater to our users' diverse needs. We aim to provide a robust and user-centric solution for our target audience by adopting these principles.

References:

Fiore, S., Elia, D., Pires, C.E., Mestre, D.G., Cappiello, C., Vitali, M., Andrade, N., Braz, T., Lezzi, D., Moraes, R., Basso, T., Kozievitch, N.P., Fonseca, K.V.O., Antunes, N., Vieira, M., Palazzo, C., Blanquer, I., Meira, W. & Aloisio, G. (2019). An Integrated Big and Fast Data Analytics Platform for Smart Urban Transportation Management. *IEEE Access*, [online] 7, pp.117652–117677. doi:https://doi.org/10.1109/ACCESS.2019.2936941.