Valencia Mobility App

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Nowadays cities became large hubs for all sort of activities and mobility in them became almost one of the most important concerns due to the high amounts of users using the different transportation methods available in the city.

This app was created in order to solve issues within cities regarding mobility, aiming at providing detailed real time information on this topic, enabling a better planning in the everyday commutes.

To begin with, it is important to mention that most everyday commutes are realized via public transport such as the Valencian Metro system, on personal or rented bikes and last but not least a personal car. So the aim behind this app was to provide a place to check some o the most important information regarding these transport methods in one place.

The Metro Valencia Tracker (FGV Tracker) allows the user to brawse or a speciiic Metro station o their needs and visiualize its location and the remaining time or the upcoming metros.

The Valenbici Tracker has two options, the irst one you can visualize a Valenbici Availability HeatMap indicating the zones in Valencia where the user will have a higher chance of finding an unrented bike. The user is also able to search for a speciic location and check more detailed information on it.

And last but not least we implemented a traffic intensity visualizar to help users plan their car rides, avoiding those zones where traffic might be to dense, thus optimazing the waste of fuel and avoiding unnecesary waits due to dense traffic.

The combination of thse 3 features allows users to plan more efficiently, save time, and being more eco-friendly by using the public transporto r reducing the use of the personal vehicle

Link to app: valmobility.streamlit.app