Development of a Mobile Application for Advanced Traveler Assistance System

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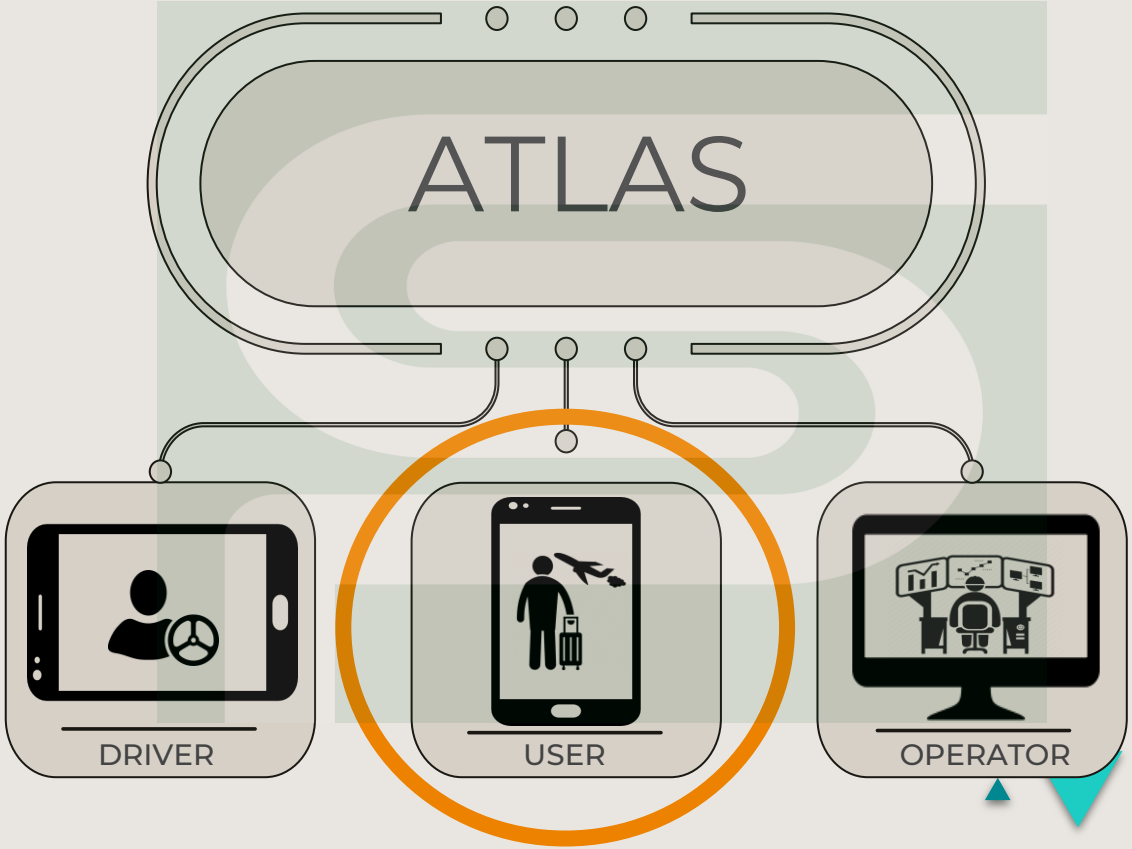
www
APP

Advanced Traveler Assistance System



ATLAS User

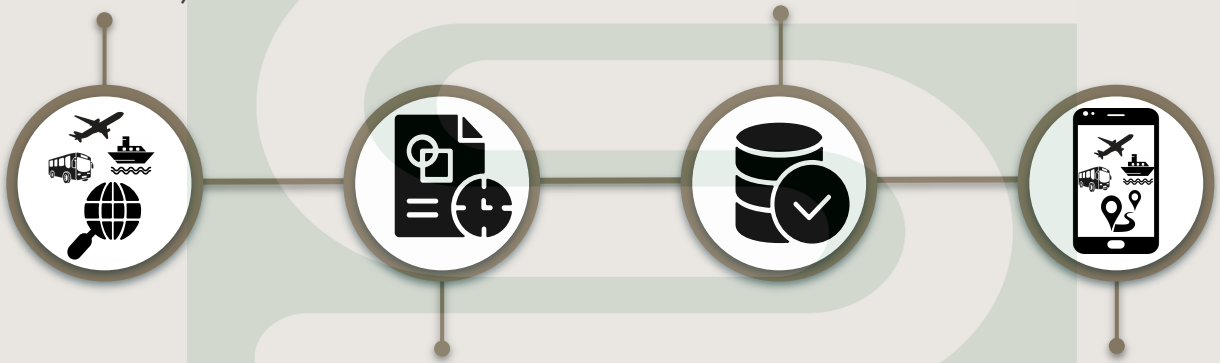
Provide passengers real-time information regarding:

- mode of travel
- planned routes
- travel times for land, air-based and sea-based transportation.

METHODOLOGY

DATASOURCES
Pull data from the internet (Bus/Flights/Sea Travel Schedules)

DATABASE
Data sources will be stored in their corresponding database

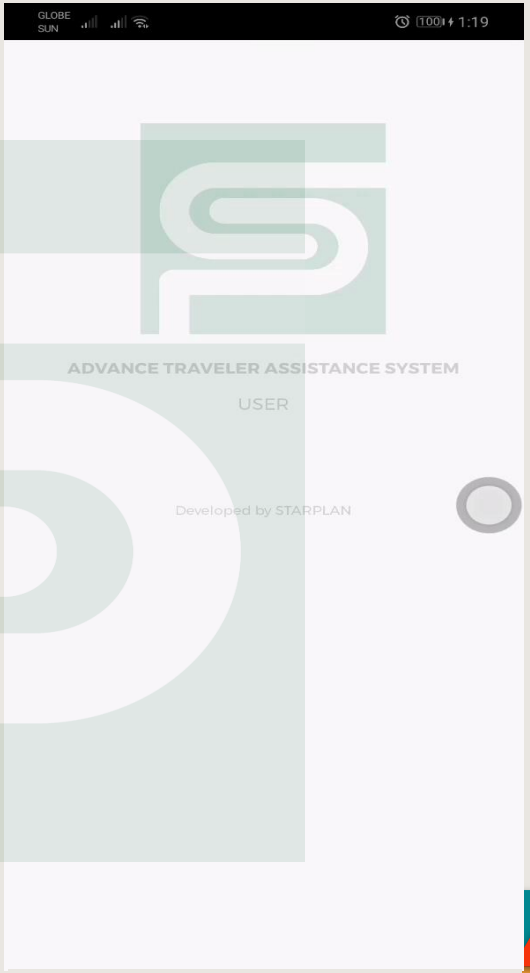


INGEST LAYER
Gathers data and imports it into the data processing systems.

DATA VISUALIZATION
Mobile application (ATLAS User)

APPLICATION FEATURES

- Google Sign-in
- Phone Authentication
- Route Suggestion
- Bus Schedule
- Flight Schedule
- Sea Travel Schedule



Demo

FEATURES UNDER DEVELOPMENT

- Air and Sea Based Schedule (connected to the website)
- Route and Transportation suggestion

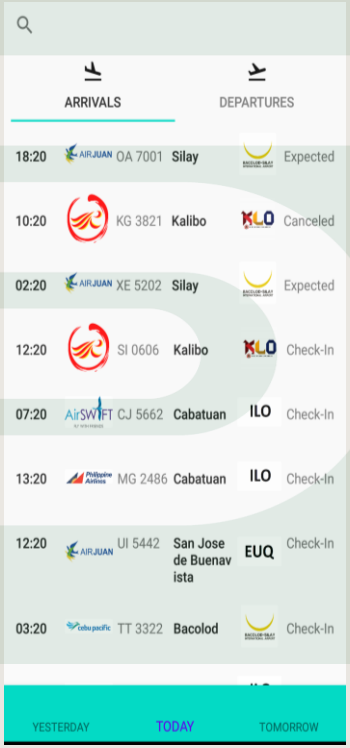


Figure 1.0 – Flights

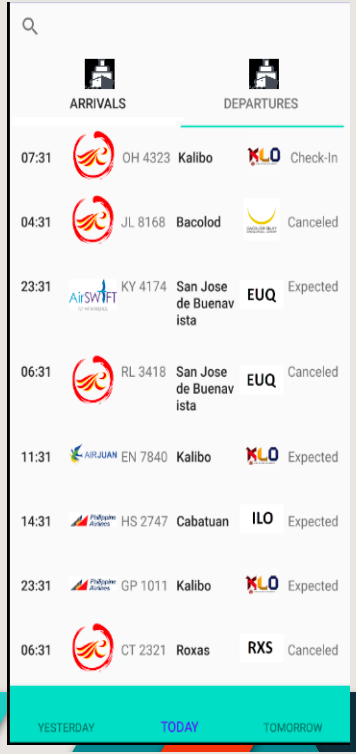
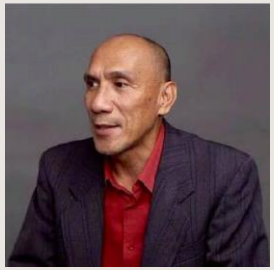


Figure 1.1 – Sea Travel

WHAT WE NEED

- Additional information system to get sea-based travel schedules
- Partnership with bus companies

THE TEAM



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THANKS!