Thank you for attending my research project defense and I hope my presentation was clear enough and that the following resources complement the information that interested you.

Link to the Bibliography of the state of the art part.
Link to the project, presentation and final report.

Slides:
1. Title Page
2. Overview
3. Introduction
   a. Demography - Grand Paris
   b. Intermodal Passenger Transport in Europe
   c. Europe on the Move
   d. Ile-de-France : une étude démontre l'aggravation des embouteillages
   e. Companies favoring multimodality:
      i. Berlkoenig | Startseite
      ii. Daimler acquires German P2P carpooling startup Flinc
      iii. The Ultimate Transport App (Citymapper)
   f. Urban Mobility Urgently Needs a Unified Coalition - BCG Henderson Institute

4. A point of critique:
   a. Enhancing urban mobility: Integrating ride-sharing and public transit
   b. On-demand high-capacity ride-sharing via dynamic trip-vehicle assignment
   c. Minimum Fleet 2018
   d. Addressing the minimum fleet problem in on demand urban mobility

e. [Taxi cabs in NYC](#)
5. Motivation
    a. [A study on feasibility of passenger intermodal transport in city of the developing world](#)
    b. [Route planning in transportation networks](#)
    c. [(PDF) A Multi-modal Routing Approach Combining Dynamic Ride-sharing and Public Transport](#)
6. Methodology
    a. [A survey of models and algorithms for optimizing shared mobili](#)y
7. State of the art
8. Shared Mobility
    a. [A survey of models and algorithms for optimizing shared mobility](#)
    b. [A survey on dial-a-ride problems 2018](#)
    c. [A survey on dynamic and stochastic vehicle routing problems](#)
    d. [Branch & Cut algorithm for DARP](#)
    e. [Online Vehicle Routing: The Edge of Optimization in Large-Scale Applications | Operations Research](#)
    f. [An adaptive insertion algorithm for the single-vehicle dial-a-ride problem with narrow time windows](#)
9. Intermodal mobility
10. Intermodal:
    a. [Ridesharing as a Complement to Transit](#)
    b. [Enhancing urban mobility: Integrating ride-sharing and public transit](#)
    c. [On the Interaction between Autonomous Mobility-on-Demand and Public Transportation Systems](#)
    d. [Taxonomy of Shared Autonomous Vehicle Fleet Management Problems to Inform Future Transportation Mobility - Michael F. Hyland, Hani S. Mahmassani, 2017](#)
11. Conclusion on state of the art
12. Last Slide:

    a. [OSRM](#)

    b. [Open Street Map](#)

13. Architecture:
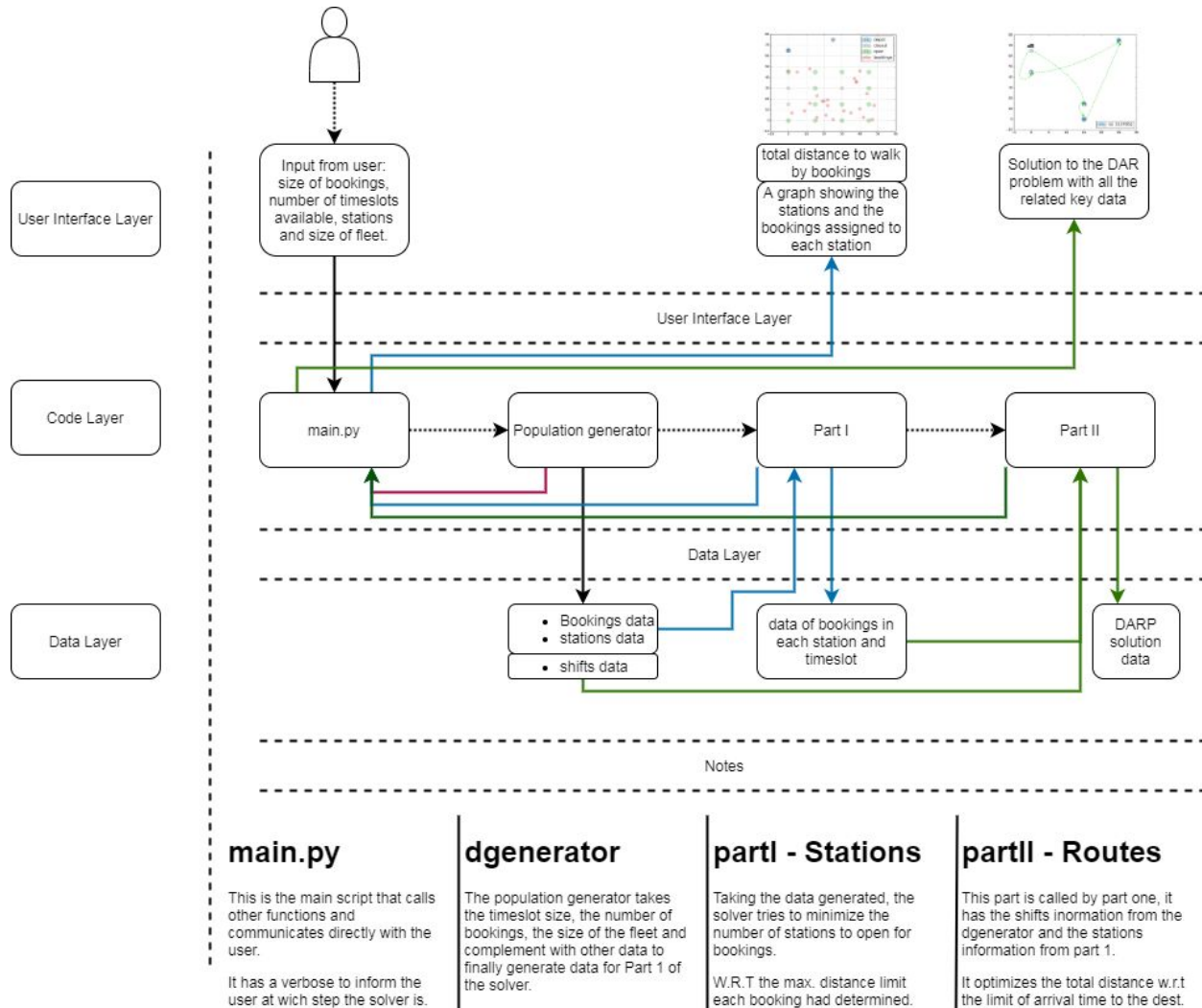
14. Thank you Slide:

    a. Picture from: [3 Mobility Paradigms 2020–2030 - Boyd Cohen, Ph.D. CEO IoMob](#)