



White Cross Challenge

Project: Ubereise

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Ubereise

Route Planner

- Improve human-generated plan
- Exploit collected information
- Consider geographical features



Goal

Requested trip info



Generate the schedule
for each vehicle

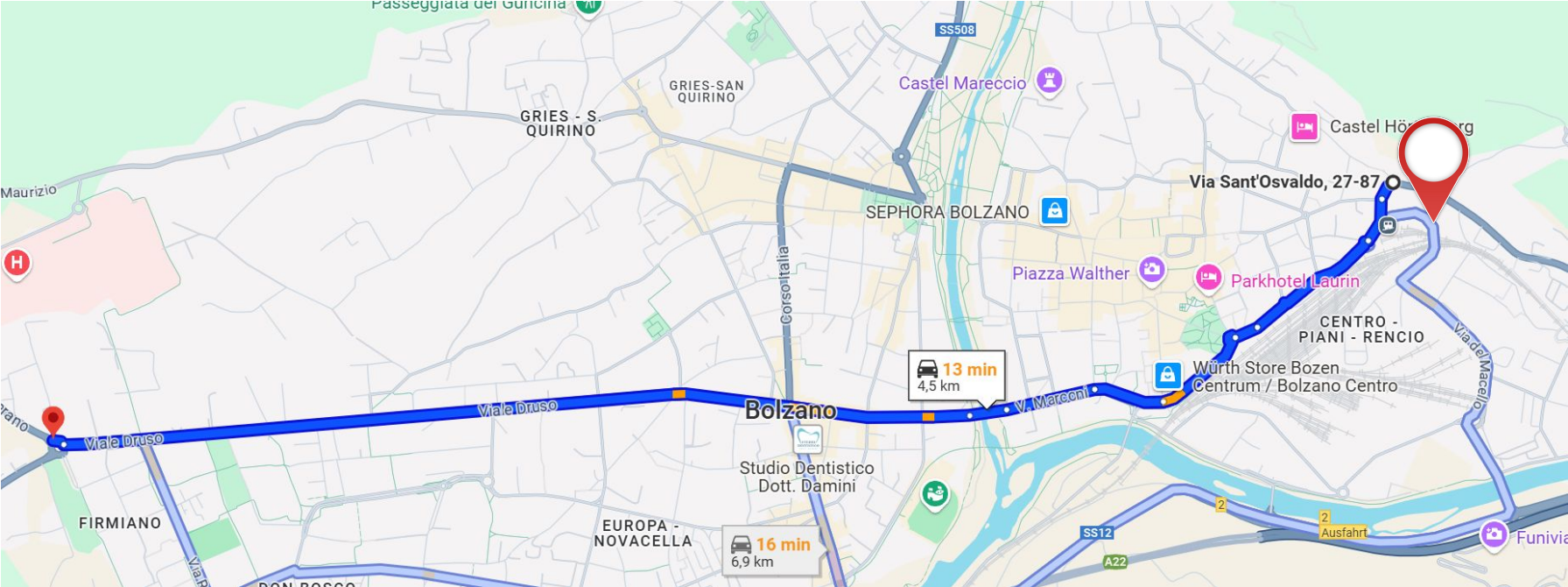


Route planning algorithm

- **Prototype hypotheses:**
 - One destination only
 - Only one-way trips

- **Solution:**
 - Cluster trips for nearby appointments
 - if they don't extend too far into each other
 - if the vehicle has enough free spots

Demo



Future improvements

- Better exploit available information
- Improve planning heuristics
- Better data visualisation
 - maps
 - routes