



CitySDK



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CITYSDK MOBILITY API

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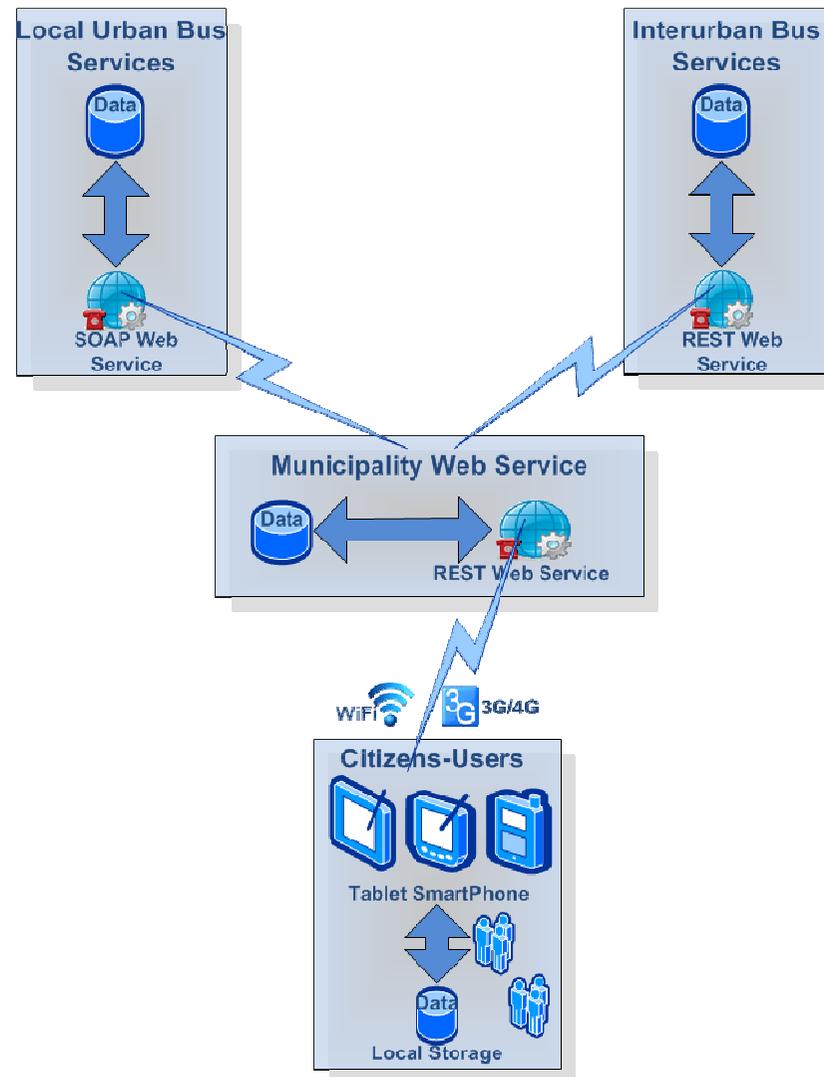
Rome, 28 February 2014

Implementation



CitySDK

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Data Sets

When	Type of Data have been exposed
Before CitySDK API implementation	Urban Bus Stops & Lines
	Urban Bus Arrivals
	Urban Bus Timetable
	Interurban Bus Stops & Lines
	Interurban Bus Arrivals
	Interurban Bus Timetable
	Urban Trip Planner
	Car Parking
	Taxi Stands
	Motorcycle parking and bicycle routes
Ticket Machines	

Data Sets



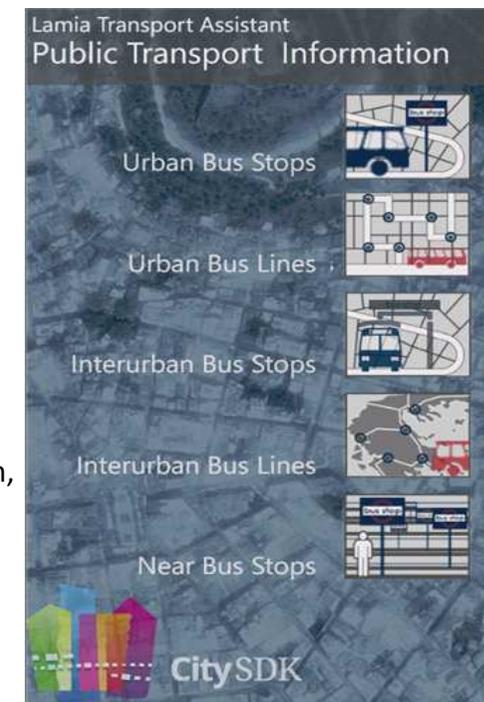
When	Type of Data have been exposed
After CitySDK API implementation	Urban Bus Stops
	Urban Bus Lines
	Lamia municipal bounds

When	Type of Data we aim to expose
After completion of CitySDK API	Interurban Bus Stops & Lines
	Car Parking
	Taxi Stands
	Motorcycle parking and bicycle routes
	Ticket Machines
	Show real time traffic data with low, medium, high congestion (information from sensors)

Lamia Transport Assistant

Main functionalities:

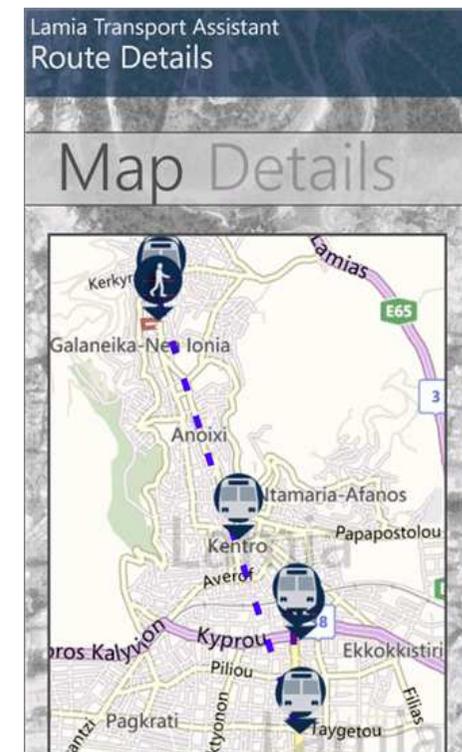
- Information for public transport
- Search and view public transport stops points on list or map
- Search and view public transport lines on list
- “Near Bus Stops” close from user’s current location or any location on the map
- Browse map feature using Google maps V2 for Android app and MS Bing maps for Windows Phone app
- Schedule/timetable departures-arrivals lines
- Search and view lines passing through one public transport stop on list or map
- Search and view a line or route on a list
- Search and display line or routes on the map
- Information about taxi, parking cars, bicycles, automatic ticket vendors on list or map
- Nearest public transport stops from taxi, parking, etc.
- Search/View on the map of the route between two points (from-to: stop, user’s current position, user’s point choice on map) using Google navigation for car or on foot, for Android app
- Trip planner designer between two points (from-to: stop, user’s current position, user’s point choice on map)



Apps

Future Steps

- Connect the existing mobility app to CitySDK API
- More endpoints will be consumed by the API (Amsterdam, Istanbul, Manchester, Helsinki, Rome)
- Show real time traffic data
- Add Personalization features like social networking, ratings & conquests, Push Notifications
- Gamification techniques of the style “Find the most valuable public transport” or “Find the best route”
- Add of advertisements for a more commercial version of the API



Developers Engagement



Most Recent Event

- There is an app contest taking place in Lamia where participants are students of Technical Education Institute of Lamia – Department of Informational Technology
- 8 participants
- Mayor of Lamia will announce prizes for winners



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Thank you!

