CityPulse project facilitates the creation and provision of reliable and scalable real-time smart city applications by adopting an integrated approach to the Internet of Things (IoT) and the Internet of People (IoP).

**Tourism Planner:**
- **What**
  - Builds a tourist visiting plan based on time/budget limitation
  - Generates an optimal schedule for a tourist based on Points of Interest location, opening times, number of travelers, etc.
- **Why**
  - Increases tourism satisfaction
  - Saves time/budget
  - Better distribution of tourists
- **Who**
  - Travel agencies, individual travellers

**Pick-up Planner:**
- **What**
  - Provides an optimal pick-up plan for end-users and transport companies using minimal number of vehicles
  - Users registers for an event (e.g. a concert) and get notified about place and time to be picked up
- **Why**
  - Increases user satisfaction
  - Saves fuel/time
  - Better distribution of vehicles
- **Who**
  - Pick-up planner end-users and fleet management companies

**Dynamic Bus Scheduler:**
- **What**
  - Optimized bus transportation based on passengers’ demands and traffic situation in the city
  - Each day an optimized schedule is generated based on requests, and schedules/routes get adjusted according to real-time traffic.
- **Why**
  - Increases passengers’ satisfaction
  - Saves time
  - Better distribution of vehicles
- **Who**
  - Passengers and transportation companies

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