

Departure Time Planner



Departure Time Planner (DTP) is a mobile app based traveler information system that provides travel advisory information for use by public and transport agencies on the time to depart from a given origin, given the desired arrival time to a selected destination. The system uses real time traffic data collected using integrated WiFi-DSRC devices to estimate and predict traffic conditions on the road network.



Salient Features

- State-of-the-art sensor and communication technology
 - Integrated OBU-WiFi combines multiple sensors into one device
 - Supports V2I communication using DSRC standard
- Innovative sensing
 - Traffic network data collected using mobile sensors (installed on vehicles)
 - WiFi sensors installed on corridors to supplement mobile sensors
- Sparse and scalable Infrastructure
 - Easily scalable to new corridors using limited number of extra sensors
- Traffic States Estimation and Prediction Algorithms
 - Customized for Indian traffic conditions
 - Flexible to integrate with other travel time data sources



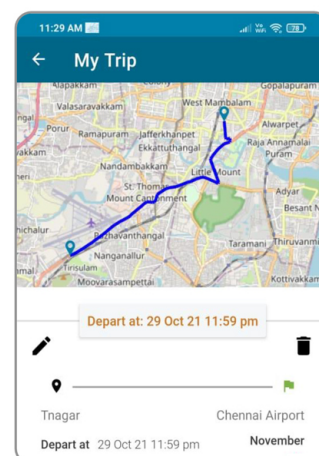
Integrated OBU-WiFi sensor



Innovative Sensing



Traffic State Estimation and Prediction



A traveller information strategy that provides advisory on time to depend from a given source-destination pair



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