

Review of: "Intelligent Transportation System Real-Time Tracking"

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I live in a big city in not rich country, but the local administration (like the administrations of most cities in our country) solved this problem a long time ago by taking three steps:

1. Issues licenses for passenger transportation only to carrier companies that guarantee compliance with the established schedule (if the schedule is not followed, the license is withdrawn).
2. Each carrier is required to provide all its buses with GPS trackers.
3. A free mobile application has been developed, which can be used by any person present in the city and which visualizes the location of all buses on the selected route. This application works constantly and for suburban transportation, regardless of the "wishes" of transport companies.

Having such information, each passenger decides for himself whether to wait for the bus he needs, or to choose another, alternative route or mode of travel.

So the main drawback of this article is the lack of scientific novelty, since a similar problem has long been solved in many cities of many countries of the world.

On the basis of such already implemented solutions, new interesting problems arise (DOI: 10.1007/s10559-022-00475-w):

1. Identification of the weakest components of the city's transport infrastructure and construction of new highways and transport junctions.
2. Increasing the efficiency of city's road transport system (finding optimal modes of operation of traffic lights at different times of the day).
3. Selection of bus routes that are optimal in terms of reducing potential delays.
4. Direction of passenger and cargo transport along different routes, etc.

Solving these problems will additionally contribute to the improvement of passenger traffic and satisfaction of passengers' needs.

