

System Benefits

1. Reduce harmful gas emissions from vehicle fuel combustion.
2. Decrease fuel consumption and improve transport efficiency.
3. Minimize time wasted in daily traffic congestion.
4. Contribute to reducing traffic accidents and violations significantly.
5. Support the transition toward smarter and more sustainable cities.



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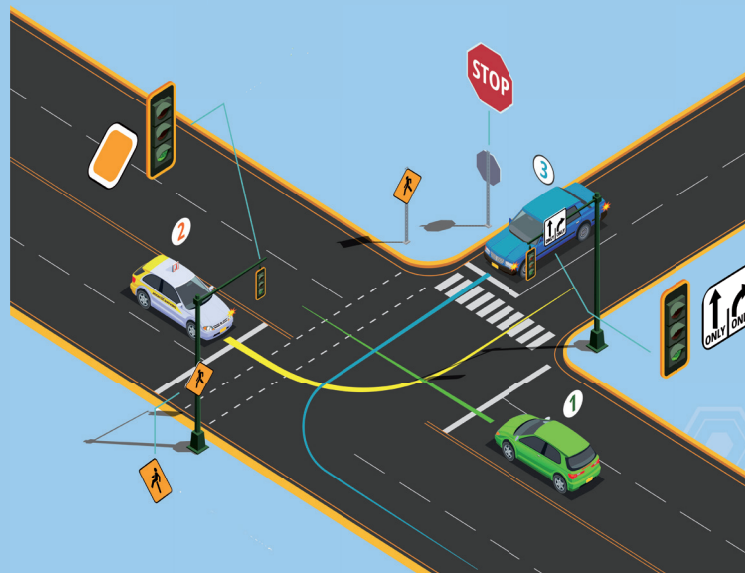
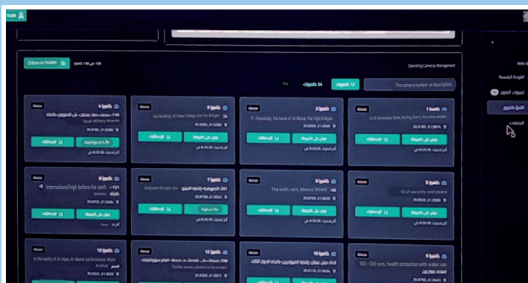
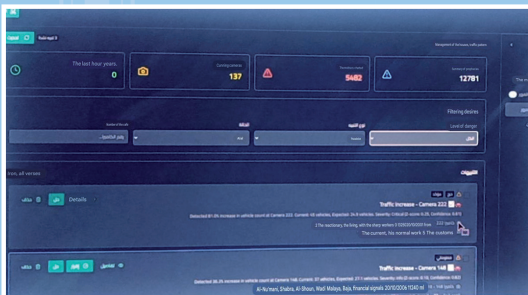
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Traffic Management System
(TMS)



About the system

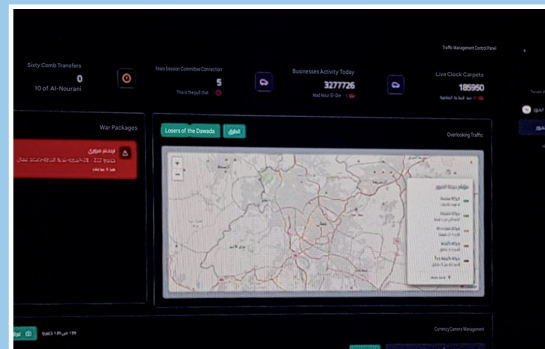
The Traffic Management System is one of the most important solutions in modern smart cities. It relies on artificial intelligence (AI) and big data analytics to organize vehicle movement and improve traffic flow on roads and intersections.

The system collects and processes data from road cameras, then applies intelligent algorithms to predict traffic congestion and provide real-time recommendations to the concerned authorities for prompt and effective decision-making.



System Features

1. Early prediction of traffic congestion using artificial intelligence technologies.
2. Real-time monitoring of traffic flow within fixed or dynamic geographic areas.
3. Display of vehicle counts on roads through interactive dashboards and accurate visual analytics.
4. Generation of electronic traffic statistics and reports to support decision-makers.
5. Integration with other traffic systems within the smart city ecosystem.



System FeaturesSystem Objectives

1. Reduce traffic jams and congestion in major cities.
2. Continuously archive and analyze traffic data to build a long-term knowledge base.
3. Enhance the speed and accuracy of decision-making for relevant authorities.
4. Provide accurate indicators and statistics to support strategic transport planning.

