Title: Moving Vehicle Count-Size Detection for Davao City Access-Egress Points and Traffic Control Solution using Background Subtraction and Frame Difference Algorithm

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EXECUTIVE SUMMARY

Davao City is one of the well-known cities in the Philippines. It is the hometown of the 16th President of the Country, President Rodrigo "Digong" Duterte. By the time goes by, many vehicles are now starting to enter and Exit Davao City with or without special events in the City. With this, the heavy traffic that the people of Davao City are experiencing every day caused by the increasing number of vehicles.

Moving Vehicle Count-Size Detection for Davao City Access-Egress Points and Traffic Control Solution using Background Subtraction and Frame Difference Algorithm, a stand-alone system that will categorize each vehicle that will pass and exit through the checkpoints in the said City. This system will help City Transport and Traffic Management Office to have a better solution to minimize the traffic. And, to the entrepreneurs to what and where is the right time and place to build a business