**Title of the Project** : AUTOMATED ALGORITHMIC

ACCIDENT PREVENTION SYSTEM

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**ABSTRACT**

The main impact of this project is to minimize the number of accidents occurring now-a-days. Thus we come up with solution for the following problems. First, Now-a-days, more number of accidents occurs during the time of Mist season due to invisibility of ahead vehicles by the drivers and we can resolve this by intimating the distance between the current and ahead vehicles to the driver using VFDT Algorithm. The next main reason for the accidents is, in normal times during traffic or overtaking the vehicle, the driver cannot able to predict the amount of brake applied by the before vehicle so the vehicle went to an accident with the before vehicle and thus the upcoming vehicles also get damaged. Thus we can resolve it by placing the LCD display at the Vehicle. Suppose if accidents occurred beyond the drivers control then our proposed system suddenly sends information about the accident to the registered persons. Our proposed concept can be implement using IoT domain which performs all the above tasks.