Project Proposal: Traffic Oracle

Team Name: NADS (New Accident Detection Systems)

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The Traffic Oracle project will develop a software solution to detect the likelihood of collisions occurring – real time – through publicly accessible networked cameras.

The project will identify traffic patterns in various conditions to analyze likelihood of a traffic incident occurring. The project will consider factors behind collisions, such as the time of day, the location, and the weather. By analyzing the path from a single vehicle, an accident can potentially be predicted ahead of time.

The ultimate goal of the project is to create a marketable product sold to public organizations that will warn a driver of a potential accident before it happens by 2 seconds or greater.

