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Assignment 3: User Scenario

George is a 25-year old commuter who drives into Atlanta every day for work. Often, George must deal with a painful ride into the city, fraught with drivers who cut him off or drive aggressively. However, today George is using a new app to help him catch those drivers in the act. Before he started to drive, he placed his phone into a holder on his dashboard, pointing it to see the road. His car uses a backup camera, and thanks to his phones Bluetooth connection, he can also record using the back camera. As he’s driving the app monitors his location using GPS and records everything in a low-quality video. When he spots a driver who cuts him off, he says “Start recording,” and the app saves the last ten seconds and begins to record the next 30. Once he arrives, the app reminds him to upload the footage, and George sets it to automatically upload when he has wi-fi. That night, George surfs the app, looking at an incident analysis and tracking his incident, seeing others report a similar car on the road at the same time he was.

Mary is a 55-year old retiree who travels around the United States often. On her frequent road trips, she sees no end of bad driving, accidents, and road rage. She drives her old Buick, which doesn’t have Bluetooth, but she’s still able to set her phone up on top of the dash to catch these drivers. DashCop’s simple interface allows her to easily access and navigate the app and use the non-Bluetooth settings. As she’s driving, the app monitors her location using GPS and records everything in a low-quality video. When she passes an accident, she says “Start recording,” and the app saves the last ten seconds and begins to record the next 30. She has an unlimited data plan, so as soon as she’s done recording, it uploads directly to the DashCop server. Thanks to her upload, the police are able to use the footage she and others provide of the accident in order to place blame properly. Later, she uses the app to see how many others reported the incident.