

Münewer Uslukılıç
Elif Demir
Utku Kalkanlı
Büşra Ünver
Celal Bayraktar
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SAFE DRIVE SAVE



Driving Assistant Designed For Your Safety

01 FATIGUE DETECTION



Fatigue is an important state that can affect your driving performance. **SAVE** tracks your facial movements and head pose by using OpenFace analysis toolkit and reminds you to take a break. It helps you to go to the nearest cafe!

02 EMOTION RECOGNITION



If you are feeling scared, angry, or sad **SAVE** will be mood changing assistant and ask you to play you some music from Spotify to make you have a better day. No more angry drivers on the road!

03 COLLISION EMERGENCY



Accelerometer placed in smartphones calculates the G-Force continuously and **SAVE** asks if you are okay when it detects any dramatical change in the G-Force. It calls your emergency contact if you need help!

04 REMOTE PPG



Tracks the driver's heart rate during the trip by using remote photoplethysmography technique. **SAVE** warns the driver when an abnormal rate is detected.



Flask



available on Android

