IJARSCT
ISSN (Online) 2581-9429
International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)
International Open-Access, Double-Blind, Peer-Reviewed, Refereed, Multidisciplinary Online Journal
Impact Factor: 7.53
Volume 4, Issue 4, March 2024

Driver Drowsinesss Detection using AI

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Abstract: *Facial expression recognition has many potential applications which have attracted the attention of researchers in the last decade. Feature extraction is one important step in expression analysis which contributes toward fast and accurate expression recognition. Facial expressions are most used for interpretation of human emotion. There is a range of different emotions in two categories: positive emotion and non-positive emotion. There are four types of generally using system: Face detection, extraction, Classification and recognition. In this proposed taking the large-scale image, hybrid extraction feature and Haarcascade algorithm to classification of frame-based expression recognition try to detect facial expression detection and emotion detection for authentication of website application.*

Keywords: Face detection, Extraction, Classification, Recognition, Haarcascade algorithm

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