SRM INSTITUTE OF SCIENCE AND TECHNOLOGY

FACULTY OF ENGINEERING AND TECHNOLOGY

RAMAPURAM CAMPUS

18CSP107L- MINOR PROJECT DATA SHEET

PROJECT BATCH NO	A07
PROJECT TITLE	PUBLIC CRIME DETECTION SYSTEM FOR COMMONERS IN INDIA
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ABSTRACT

In present world, Crime is not just limited to stealing things physically. CCTV Footage is a crucial evidence against any criminal. It's estimated that India foresee a Crime Index of 44.57 making it the 79th country by Crime Index in 2022. Well planned and structured methods can be used in overcoming these crimes. Our assessment mainly focuses in overcoming these barriers and provide efficient solution to the crimes happening around us. We aim to display proficient strategies in assessing the tools and applications needed for each scenario like house robbery, Bike theft, etc. Finding Solutions and implementation of the work is briefly displayed in this paper. The input is given as image data using real time web cam. Methodologies including the use of OpenCV and Computer Vision are used in evaluating and finding the robbery Keywords – Computer vision, tensor flow, OpenCV, pyttsx3, mediapipe,OS,date time.

INFERENCE

Hence, Our project is inferred upon by leveraging a unique blend of OpenCV and imbibing Artificial Intelligence to implement a Face detection methodology with ADABOOST algorithm & structuring a layered architecture. Successful implementation in detection of user details from database stored in the backend and identification of robbery/theft is identified and inferred upon from this project.

DELIVERABLES

Publication of paper (or) Patent (or) Submit as a proposal

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