

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202011011108 A

(19) INDIA

(22) Date of filing of Application :15/03/2020

(43) Publication Date : 17/09/2021

(54) Title of the invention : CRIMINAL DATABASE MANAGEMENT SYSTEM

(51) International classification	:G06K0009000000, G06F0016583000, B60R0025300000, G06T0005000000, B60R0025000000	(71) Name of Applicant : 1)CGC Technical Campus Jhanjeri Address of Applicant :State Highway 12A Jhanjeri, Sahibzada Ajit Singh Nagar, Punjab 140307, India. Punjab India
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(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:NA	
Filing Date	:NA	
(87) International Publication No	: NA	
(61) Patent of Addition to Application Number	:NA	
Filing Date	:NA	
(62) Divisional to Application Number	:NA	
Filing Date	:NA	

(57) Abstract :

A criminal database management system comprise of an input module for fetching detail(s)(i.e. name) , a user -platform presenting a services related to criminal records to the operator, a data acquisition module that allows the operator to provide information (such as specifications, image/video) to add complaint(s), missing person(s), wanted person(s), a display for presenting lists along with the information (such as specifications, image/video) after selection of review service, a computing unit to that detects criminal feature(s) from the image(s) to discriminate the image(s) into criminal or non-criminal. The method for discriminating the image(s) comprise the steps of cropping rectangular area from the pre-stored criminal as well as uploaded image(s), eliminating falsely detected frontal face image(s) and converting the image(s) into gray-scale, extracting criminal tendency facial feature(s) from the gray-scale image(s); and processing the feature(s) to classify the image(s) into criminal or non-criminal facial image(s) along with gender.

No. of Pages : 13 No. of Claims : 9