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Public Incident Logging System

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Abstract: A mobile app project to enable the public to log the incidents like disputes, potholes, accidents, any disturbances, emergencies, personal safety issues, complaints, bribery compliance, mistreatment, bullying, harassment, health issues, etc. by choosing the respective channel at a given geographic location that will be delivered to the respective channels like authorities, media, etc... This will enable the concerned authorities to take action and initiate a formal process. This mobile app will have channel login and public login by mobile number and password. Registration must capture device ID and IP address. Chanel should be able to track all received incidents and update the status that will be visible to those parallel channels as read-only channels like media who will have read-only access to all channels related to government services.

Keywords: Disputes, Bribery, Bullying, Mistreatment.

REFERENCES

- [1]. R.Gordon, "Traffic Control Systems Handboo Security and privacy policy issues.
- [2]. k," FHWA Report No. FHWA-SA95-032, February 1996.
- [3]. M.Renatus, U.Jonathon, "Evaluation of Driver-Base Freeway Incident Detection," ITE Journal, vol. 67, no. 3, pp. 33-40, March 1997.
- [4]. M.Renatus, UJonathon, "Simulator Evaluation of Incident Detection Using Wireless Communications," presented at the 79th Annual Meeting of the Transportation Research Board, Washington D.C., 2000.
- [5]. Jiuh-BiingSheu, Yi-Hwa Chou, Mei-Chum Weng, "A real-time signal control methodology for alleviating incident-induced traffic congestion on arterials," 2002 6~ IEEE, pp. 762-767
- [6]. J.Blosseville, J.Monn, "Video image processing acolication: automatic incident detection freeways," Prbceeding of the Pacific Rim Trans Tech Conference, July 25-28, 1993, pp. 69-76
- [7]. L. Li et al., "A Study on Motor-Scooter Accidents in China and Germany," in Fifth Conference on Measuring Technology and Mechatronics Automation, 2013, vol. 277, pp. 110–113.
- [8]. S. Gothane, "Analyzing Factors, Construction of Dataset, Estimating importance of factor and generation of association rules for Indian road Accident," in IEEE 6th International Advanced Computing Conference, 2016.
- [9]. J. Zarif, "16 deaths every hour : Indian roads claim the maximum number of lives in 2014," 2020. [Online]. Available: http://timesofindia.indiatimes.com/india/16-deaths-every-hourIndianroads-claim-the-maximumnumber-of-lives-in 2014/articleshow/48128946.cms. [Accessed: January, 2020]
- [10]. S. Tapadar, S. Ray, and R. Karlose, "Accident and Alcohol Detection in Bluetooth enabled Smart Helmets for Motorbikes," in 8th Annual Computing and Communication Workshop and Conference (CCWC), 2018.
- [11]. A. Karthik, K. Gb, K. Pai, and A. Srinivas, "Smart Helmet," in National Conference on Product Design (NCPD), 2016