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A Survey for Virtual Police Station App

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ABSTRACT: A virtual police station android application is a mobile application that provides a platform for citizens to report crimes and incidents, receive safety information, and communicate with law enforcement authorities. The application includes features such as crime reporting, emergency services integration, location-based services, and notification and alert systems. The development of a virtual police station android application involves designing a user-friendly interface, creating a robust backend infrastructure, integrating a database, providing secure user authentication and authorization features, and testing and maintenance. Several virtual police station android applications have already been developed and launched, and they have been successful in improving communication between citizens and law enforcement, increasing transparency and accountability, and promoting public safety.

KEYWORDS: Android, Police, Lawyer, FIR, Crime.

I. INTRODUCTION

One of the biggest issues that most governments face around the world is crime. As long as humans have existed, there has been crime. Human species. Crime is regional. When does it happen? For a certain reason, at a specific location and time. It may impact at any time, anytime and everyone. Data from studies show the main factor in determining how to solve crimes is the accuracy and thoroughness of eyewitness accounts. But fear and uncertainty cause 50% of crimes to not be reported. privacy issues international reports of missing persons have dramatically increased in the recent years, from 450,000 in 1990 to 10,000,000 this year, roughly. The rise was also fueled by the continuously expanding population. The statistics show that there are becoming victims each day. This study was made for a mobile app for crime reporting. This Android programmed was created with the intention of delivering feedback and information straight to one district's police force. The users may make use of services following the creation of an account with the application their specifics. the informant/petitioner after giving. The application allows users to submit personal information to the relevant department to file complaints or information. Specifics from The system also include the department.

II. RELATED WORK

There have been several virtual police station android applications developed and launched in recent years. Here are a few examples of such applications and their features: 1. The MyPolice - This is an android application developed by the Bangalore City Police in India. The application allows users to report crimes, track the status of complaints, and receive alerts and notifications about safety measures. It also includes a panic button feature that users can press to notify the police in case of an emergency. 2. iReport - This is an android application developed by the Philippine National Police. It allows users to report crimes, accidents, or other incidents directly to the police. The application also includes safety



tips and advice to help users stay safe and prevent crime. 3.CitizenCop - This is an android application developed by the Delhi Police in India. It allows users to report crimes, share images and videos, and receive alerts about crimes in their area. The application also includes features such as emergency contacts, helplines, and safety tips. 4.Cop Watch - This is an android application developed by the New York Civil Liberties Union in the United States. It allows users to record and report police misconduct, abuse, or other incidents. The application also includes information about users' legal rights when interacting with the police.

III. METHODOLOGY

This survey study on Android apps for Police Station adheres to a strict methodology that includes the formulation of the research question, the choice of the data sources, the selection criteria, the extraction of the data, the analysis, the limitations, and the findings. The pertinent data that was extracted from the sources was arranged according to the different kinds of Android applications that are available for police station, their features and functionality, how well they help police manage their Services, and best practices for creating such applications.

IV. LITERATURE SURVEY

Author / Year Publication	Title	Outcomes
JIN-YONG YU , YUJUN KIM, AND YOUNG-GAB KIM -Feb2022	Intelligent Video Data Security: A Survey and Open Challenges	How to export video and images to the higher authority with security
Sabyasachi Patra , Karishma Velisetty and Prathamesh Patel- Sept 2021	GOOGLE MAPS AND RSS INTEGRATION IN ANDROID Sept 2021	Using the google map api to find nearest police station
Istithoatun Kholishoh, Mardainis, Susandri, Khusaeri Andesa - March 2021	Geolocation Apps using A* Algorithm for Android Based Traders- March 2021	The development of technology has a positive effect on the trade sector, creating smartphones that can be utilized in all activities combined with the internet network.
BURHAN UL ISLAM KHAN , MALIK ARMAN MORSHIDI , FARHAT ANWAR-2020	A Frictionless and Secure User Authentication in Web-Based Premium Applications	Gives an idea for higher authentication for login user and cops with higher security
Archana Iyer, Prachi Kathale, Sagar Gathoo, Nikhil Surpam- decemaber2019	E-Police System- FIR Registration and Tracking through Android Application	Registration of online complaint which helps common peoples as well as police officers
Jeroen Nelis ,Stef Desmet, Jeroen Wauters, Rob Haelterman, Erwin Borgers, Dimitri Kun-December2019	Virtual Crime Scene	improve the investigation process
Kahkashan Tabassum,Hadii Shaiba, Saada Shamrani,Sheikha Otaibi City-August 2018	e-Cops: An Online Crime Reporting and Management System for Riyadh	Police data processing , complaint registration
Jay Patel; Haresh Wala; Deepak Shahu; Hazel Lopes- Nov2018	Intellectual and Enhance Digital Solution For Police Station. Intellectual and Enhance Digital Solution For Police Station	Idea about importance of online crime registration And how to create such system



V. CONCLUSION

The virtual police station app has the potential to improve accessibility and efficiency of police services, streamline the process of seeking police assistance, and enhance community policing efforts. Its implementation can bring about numerous benefits and is a valuable tool for modernizing police services.

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