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Abstract

Mobile phones have become an important part in our day-to-day lives. Around 70 million smart phones are lost each year, with only 7 percent recovered, which in turn causing huge impact on their lives. And for young adults accustomed to continually checking their cell phones, even a single day without access them can be anxiety producing. If they want to retrieve their lost mobile phones traditional complaint filing method (Lodging complaint in the police station manually) is followed. The true cost of a lost mobile device goes far beyond the price for retrieving their phone. The user needs to file complaint in the police station for the recovery of the lost mobile phones which will add additional burden to both the police and to the common people. The manual tracking of the lost mobile phones by police will be a very long process and the retrieval of lost mobile will consume more time. In order to overcome these issues, we came up with a new web portal which will take the complaints from the user from the comfort of their home and will automatically track the location of the mobile phones and intimate the cybercrime department about the details of the location of the lost mobile.

Keywords:

XAMPP, MySQL, Php, JavaScript, Python, Tracking System.

INTRODUCTION

Whether it is working place, shopping complex, roads or just the house, what's one thing that always accompanies us? Our mobile phone! The mobile phones are far and wide and with anyone! Who needs a TV or a music system when there are mobile phones around! Mobile phones come with all the features that entertain us the most than any other goods around us. similar uses of mobile phones are extremely helpful as they help us save our time and plutocrat. Mobile phones ensure safety. Also, you can talk to your children and confirm that they have reached safely at their friend's place or other destination. At the time of extremities or delicate situations, the mobile phone can be used snappily to get help. We're living in the period of contraptions and smartphones, and communication has no way been so easy; with social media, we're always connected to our peers and millions of other people, no matter where we are. We all need is a cell phone connected to the internet.

MOTIVATION

Modern life is becoming unimaginable without mobile phones. Furthermore, even a single day without access to a cell phone might cause anxiety among young adults who are used to constantly monitoring them. We frequently experience losing a cell phone due to loss or theft. Typically, robberies result in our loss of mobile. Due to their hectic schedules or other factors, most people choose not to complain at the police station. The true cost of the recovery of the lost mobile phones are exceeding the original cost of it. To avoid unauthorized use of your missing mobile device, it is advisable to file a report at the local police station and to put your phone on block. But the existing system is a time taking process, and the recovery of the lost mobile phone is not guaranteed. Our work mainly aims to overcome this drawback of the existing system, Our website takes the complaints for the lost mobile phones from the



comfort of their homes and once the complaint is registered the location of the lost mobile phone along with the latitude and longitude will be intimated to the cyber crime department of police so that the process made easy and the recovery of the lost mobilephones will be quick.

DESCRIPTION AND METHODOLOGY

SYSTEM REQUIREMENTS

A. Software Requirements

HTML:

HTML stands for Hypertext Markup Language; HTML is the standard markup language that is designed to be displayed in a web browser. It is more often assisted with the technologies similar as Cascading Style Sheets (CSS) and scripting languages similar as JavaScript.

CSS:

CSS stands for Cascading Style Sheets; CSS is the language we use to term an HTML document. CSS is used to design HTML tags; CSS describes how HTML elements should be displayed. CSS is a highly used language on the web. CSS is a style language used for describing the presentation of a document written in a markup language similar as HTML or XML. CSS is foundation technology of the World Wide Web, alongside HTML and JavaScript.

JAVASCRIPT:

JavaScript often abbreviated as JS, is a programming language that is one of the core technologies of the World Wide Web, JavaScript often abbreviated as JS, is a programming language that is one of the core technologies of the World Wide Web, alongside HTML and CSS. JavaScript is a high-level, often just-in-time compiled language that conforms to the ECMAScript standard. It has dynamic typing, prototype-based object-orientation and first-class functions. JavaScript engines were originally used only in web browsers, but are now core components of some servers and a variety of applications.

PHP:

PHP stands for Hypertext Preprocessor; PHP is a general-purpose scripting language which is particularly designed for the development of web. It acts as a powerful tool for making dynamic Web pages which are interactive in nature. It is also often used for graphical user interfaces.

MYSQL:

MySQL Cluster enables users to meet the database challenges of coming generation web, cloud, and dispatches services with exacting scalability, uptime and dexterity.

XAMPP SERVER:

XAMPP is a software distribution which provides the Apache web server, MySQL database, Php and Perl all in one package. It is available for windows, MAC and Linux systems. No configuration is necessary to integrate Php with MySQL.



Fig.1: XAMPP Server

- (ii) Status Check
- (iii) Admin Login



Fig.4: Home Page of the District Site

(i). Report Complaint

The Report Complaint module is basically designed for the users for lodging the complaints for the lost mobile phones by



Fig.6: Status Check Form

(iii). Admin Login

entering some basic details such as their name, mobile number (for communication), location where they lost their mobile, date and time of losing the mobile phone, features of the phone (ex: colour, brand, etc...), IMEI number etc...

Fig.5: User Complaint Form



The admin login page is only designed for the admin the cybercrime department, the admin will be given some login credentials, so only the admin has the access to the admin page. The admin can change the status of the mobile tracked or under process and can delete the filed complaint if the phone

is recovered and handed over to the user. The admin can completely handle the website just from the Admin Page itself.



Fig.7: Admin Login Page

(ii). Status Check

A. Tracking System

The status checker in our website is basically designed for the user's convenience. Here the user can check the status of their lost mobile phone from the comfort of their home by just entering the mobile phone which they gave at the time of the complaint registration, The status can be shown in three ways either Under Process or Location Traced or Phone Recovered. For the just registered complaints the status will be shown as, the status will be updated soon. The status of the mobile phones which were recovered and already handed over to their owner will not be shown in the status page since the complaint got solved and that particular record will be deleted from the database. The status of the mobile phones is continuously updated by the cybercrime department, so that the user can check the status of the mobile phone when ever they want and know the details of the status of recovery. The tracking module will be accessed by admin only. The tracking module will prompt the admin to enter the registered mobile number of the user, and when the admin enters the mobile number, the exact details of the location of the mobile phone along with the latitude and longitude and also the details of the carrier of the sim card will be updated to the cybercrime.

I. EXISTING SYSTEM

The existing system for filing complaint for lost mobile phones is the police department earlier used to take complaints from people about missing mobile phones in a traditional way. Tracing them used to take a lot of time. A straightforward way to complain about a misplaced mobile Complaint is writing to the nearby police station. The following information against a lost or stolen mobile phone is the minimum requirement for a complaint letter-

- A description of the lost phone's owner.
- The home address of the mobile device's owner.
 - The same person's email address or another mobile phone which might be used for communication.
- When, where, and how long ago the phone was misplaced.
- A misplaced phone's SIM card number.
- Information about the phone's most recent call.

After the Traditional Method, they come with a new Method which is for their convenience of each District, the Department of Police supplied a WhatsApp number and a Google Form. In the state of Andhra Pradesh, police have setup a WhatsApp number xxxxxxxxxx to receive complaints about stolen or lost mobile phones. But this method had a drawback of receiving multiple complaints for a single lost mobile phone, which caused inconvenience to the police department due to multiple records for the same mobile phone. And also, the police faced problem due to the complaints from the different districts and even different states were registered.

II. PROPOSED SYSTEM

Instead of the traditional complaint filing system, which is a very time consuming and a long process we are here to introduce a Web Complaint Portal that can take the complaints from the users from the comfort of their homes and can give the required details and can easily file the complaint for their lost mobile phones, this can be very helpful to both public and as well as the police department since the public need not to travel to the police station in terms in order to know the details about their lost mobile phones. They can just check the phone recovery status by just opening the website from the comfort of their home just by entering some basic information. This can also make the job of police easy since; they do not need to maintain the records of the complaints filed. They can just view the no. of. complaints filed till date in the website itself by just entering their login credentials. The main advantage of this website is that the police do not need to trace the mobile phone manually, the phone will be automatically traced once the details of the lost mobile phone were entered and will be intimated to the cyber cell of the police department. And they need to change the status of the mobile phone recovered, so that the public can view the status of their mobile phone in the status check.

III. RESULTS

1. The Status will be shown in the following way to the user-



Fig.8: Status Check

2. The admin can update the status of the traced mobilephone from the admin page. The Updated data of the status page will be shown as following-



Fig.9: Status Update

3. The Database of the registered complaints will be shown in the following way to the admin-

No	Police Station Name	NAME	IMEI	IMEI2	Distric	Station	Vehicle
2	913391422	TRINADHA RAO MANNELA	890267020987718056520371	867718056520393	Vidyanagaram	Vidyanagaram	VIDYANAGARAM RTC COM
4	9000491803	Kadavala, Bal Kiran	7013812867861354050271732	861354050271728	Vidyanagaram	Vidyanagaram	DHARMAPURI
5	6281312260	Goparath Jayaraja	7981985258866767047071653	866707047071046	Vidyanagaram	Vidyanagaram	Vidyanagaram complex near
7	9965057923	Ch.Manjun Rao	8168784307086777042741632	867777042741624	Vidyanagaram	Vidyanagaram	Vidyanagaram RTC BUS Stn
8	7671883764	PENTAPALLI RAMAKRISHNA	8986556825362360502051133	862360502051125	Vidyanagaram	Vidyanagaram	Vidyanagaram RTC COMPLE
10	7762077380	EARLA DEBANTU	8247273486354025413201368		Vidyanagaram	Lakkavarapokota	Kotha vidava To: 6 kote gp
11	8106709058	Anish	0	86399505436311	86399505436303	Vidyanagaram	Kothavada

Fig.10: Database of the complaints registered

4. The traced location of the lost mobile phone is shown in the below figure along with the latitude

and longitude with the help of the mobile number. So that it would be very easy for the police departments to track the lost mobile phones and the process of tracking the mobile phones will be quick.

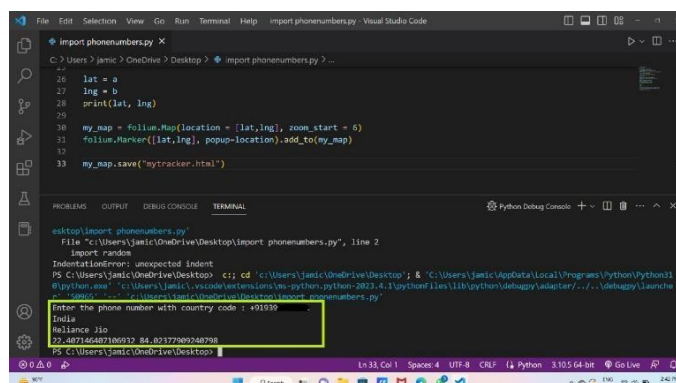


Fig.11: Location Tracker

CONCLUSION AND FUTURE WORK

In this paper, the new method of filing the complaints for the lost mobile phones is proposed with a new web portal which overcame the drawback of the traditional complaint filing method which is a time-consuming process, and the web portal traces the exact location of the mobile phones along with the latitude and longitude making the job easy for the police department. In this portal we traced the location of the mobile phone through the mobile number of the user, but in future we would like to use the IMEI number in the process of tracing the location of the mobile phones.

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