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1. IMPROVING PIXEL CLARITY AND SECURE DATA TRANSFER IN VISUAL CRYPTOGRAPHY TECHNIQUE

GUIDED BY,

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TEAM MEMBERS

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ABSTRACT:

Visual Cryptography Scheme (VCS) is an encryption method used to encode secret written materials. The idea is to convert the written material into a binary image and encode this image into n shadow images. It is also called as shares of images. The decoding only requires selecting some subset of these n shadow images, making transparencies of them and stacking them on top of each other. Main advantage of this scheme is mathematical computation complexity is reduced to visual cryptographic techniques.

Each participant holds a transparency. Most of the previous research work on VC's focuses on two parameters: large pixel expansion and contrast. Further, the number of sub pixels (m) for encoding each secret pixel, referred to as the pixel expansion, is the smaller the enhanced to reduce the share size. The pixel expansion and relative contrast are the most critical measurements to evaluate the effectiveness of a VCS.

PROPOSED SYSTEM:

The pixel expansions and contrasts derived from our scheme are also better than the previous results. First, an image is split into " n " encrypted shares using algorithm by the fact that a pixel can be split into sub pixels. Second, in order to avoid hacking of shared image, we employ password protection. Third, In the receiver side we have to decrypt the data by using password.

ADVANTAGES

The Proposed system provide a friendly environment to encrypt or decrypt the data (images).

Secure Due to Password Protection.

Improving pixel Clarity.

Real time usage.

Secure data transfer.

Improving pixel clarity

2. INDIAN REGULATORY COMPLAINT SYSTEM

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Abstract

“Indians Regulatory Complaint System” A mechanism to accept complaints from citizens 24 × 7 would be the expectation from both the citizens and the government bodies and it is basically created to help people solve the problem’s which they see in their day-to-day life in their surrounding. Government body i.e. Indian Traffic System is offline.The seriousness of the problem is often not known by offline means .

The purpose of this project is to lodge compliant and seek redressed through the citizens mobile phone in natural language. The essential idea is to provide an easy, cheap and quick mode of complaint registration around the clock. It is very easy because there is no long procedure of filling up of any forms or much details of self & hence saving our valuable time too. It doesn’t require the citizen to remember any specific information to lodge their complaint.

Proposed system:

The user downloads this application on to his/her mobile phone and can take a snapshot of the particular activity i.e.: water leakage, power cable hanging around, tree fall, unsocial activity etc. The application will augment the current position where the picture is taken. The above augmented picture is sent to the concerned authority. The map of Tamilnadu is drawn; here it is various marker flags respectively ward wise, depending upon the no. of complaints received in an area. Statistical information is maintained such as the no. of complaints received category wise. The users use the mobile phone and do not need to access the web portal interface directly to file their complaint. These information has been inferred by the system, it sends this information to the Smart Complaint server in a compatible format as a HTTP request. The user will also be acknowledged in return.

Technologies

MOBILE APPLICATION:

Android (SDK 20) ,GPS (for getting user’s current location),GPRS (for Maps)

SERVER APPLICATION:

XAMPP Server ,PHP with MySQL

3. ENGINEERING DESK- MOBILE EDITION

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ABSTRACT :

The Mobile Editions have a stack of three applications related to administration of a department and to increase the reaching ability between staffs, students and parents. The idea is to make a student seamlessly interacted to his/her staff's and parents, vice versa. These applications are used to make some bond between the graduated students and their juniors, every progress and performance of a student will be pinged to their parents seamlessly.

LITERATURE SURVEY OF EXISTING SYSTEM

- No bonding between student/parent and faculty communities, More human work, Lack of Reaching Ability, No direct or indirect communication, Lack of organizing and reusing of student informations

PROPOSED SYSTEMS:



LOG BOOK APP

Customized for Faculties, Detailed Profile of Every Student, Stores Attendance records, Attendance & Internal Calculations, Mentoring Details, Send Announcements, Share Notes and other stuffs, Announce to Inboard. Report Cards, View Announcements, View Shared Notes Discussion Forums , Sharing Notes and stuffs Ping every Moves.

ADVANTAGES :

- Very Similar Electronic Notice Board , No Complex circuit Design

- Not Restricted only with Text

4.DEVELOPMENT OF MOBILE CALL BLOCKING SYSTEM FOR ACCIDENT PREVENTION USING ANDRIOD

Under the guidance of

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ABSTRACT:

In today's world safety and security plays an important role, hence we tend to provide a good safety and security system while traveling.

The effectual solution can be obtained through the continuous monitoring system placed in the vehicle.

The user mobile and vehicle is synchronous as soon as vehicle gets into driving mode.

The microcontroller and the android application are integrated together for powerful communication

Every year nearly 1.4 million people have been killed because of they are wireless customers and their over-bearing cell phones. While in India, an estimated 1.35 lakhs person died due to road accident in 2010, which is approximately 10% of road accident fatalities worldwide and these figures are the highest in the world.

But still no research has been carried out to find the number of drivers using cell phone involved in road accident and very limited efforts has been carried out to prevent accident due to cell phone usage

PROBLEM IDENTIFICATION

Using a mobile phone while driving highly distracts the driver's concentration. A person using a hand-held or hands free mobile phone is a one of the major reasons for accident. Indian male drivers are more likely to use their smart phones while driving than the woman motorists. Three in 10 Indians use their phone while driving survey by IPSOS shows that 29% of Indian motorists use mobile devices, compared with the global average of 22%.

PROPOSED SYSTEM:

Four stages of reporting and warning method is adopted such as Alarm, Display, speed control and total shut down at the configured time interval.

Control of user's mobile and vehicle is achieved.

Emergency calls are displayed.

Reduces the Human Death Ratio due to Road Accidents.

CONCLUSION:

This invention helps in reducing the risk of attending calls significantly and it prevents the road accidents to a great extent. Even though law has been enacted for banning the use of mobile phone while driving in various countries including India, still users have not responded to avoid the usage of mobile phones while driving.

5.SMART EXAM SYSTEM FOR VISUALLY CHALLENGED

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ABSTRACT :

Aiding the blind people to attend their exam independently. The recorded voice of the question paper and the voice input is given to the microcontroller. The Personal Computer is used to provide the overall answers of the blind person.

A LCD monitor is used for displaying the current information of answers given by the person. They can even alter the way of hearing the question by telling next question, previous one or skip to the next one. When the person answers for 2mark questions means the Speech to text conversion is done using the MATLAB voice Toolbox

PROPOSED SYSTEM:

Description:

The blind one can **independently** handle their exam. The **microcontroller** has the input of voice input and output.PC is to monitor that the process is undergone accurately and overall answer script for the evaluation purpose.LCD display is used for displaying the current answer information.

Advantages:

Able to ask the same question for many times, skip the question, previous one and the next one.

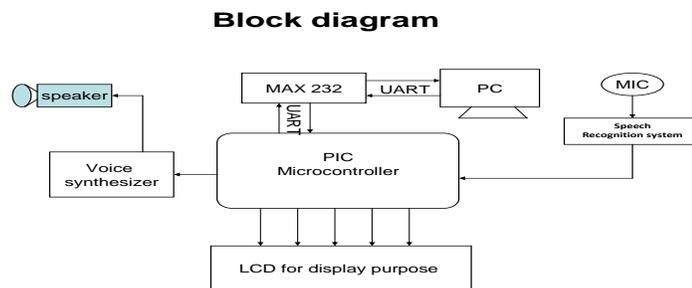
Can handle their exam independently.

Occurrence of error is avoided.

Charge given for the guide to write their exam can be saved.

Technique is easy to use and cost is low.

ARCHITECTURE :



CONCLUSION:

This proposed system would be a very useful for every blind people to admire their talent easily through easy online exam like other humans. And also we will try to do as much as improvement in future as per

the collection of feedback. Through this they have been able to attend many exams like Board Exams, Govt.Exams in the future.