

HACKATHON 2.0

PROBLEM STATEMENT

Paper leaking scandals are on the rise. Currently, Institutes use very primitive measures to handle these malpractices, which include presence of people. However, in the era of technology, this field has a very backward approach. Provide a solution wherein this problem can be tackled. Note that the solution needs to be practical and easy to implement on a national scale

TECHNOLOGIES USED

HTML

CSS

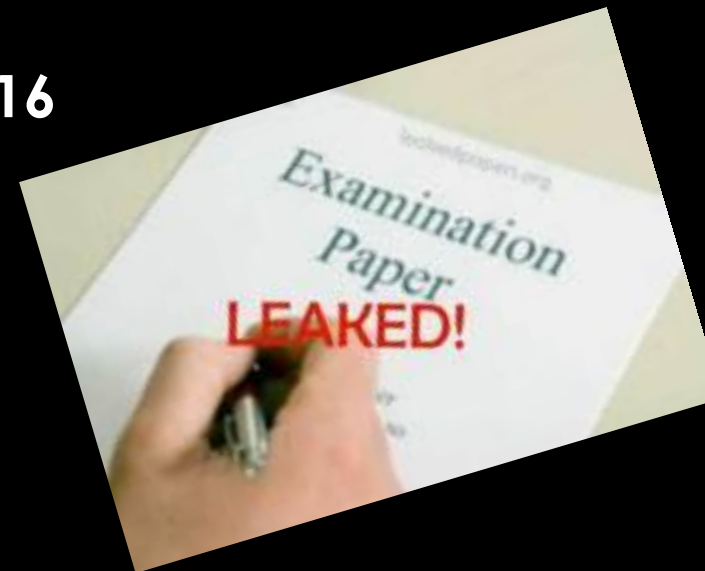
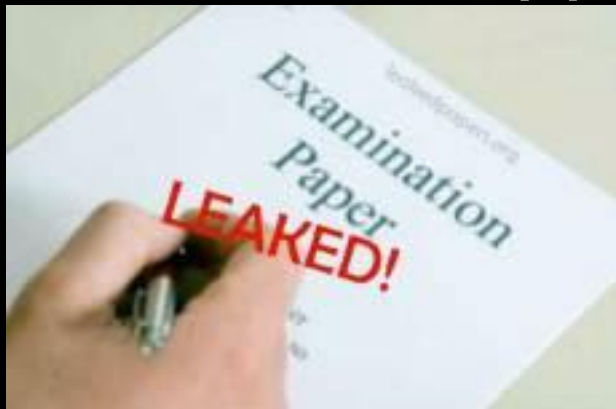
PHP

My SQL

Java Script

CBSE PAPER LEAK

- Business Studies paper leak in 2006
- Class 12 Science and Mathematics paper leak in 2011
- Rajasthan University paper leaked on WhatsApp
- CBSE Class 10 Maths paper leak in 2014
- CBSE Class 12 chemistry paper leak in 2016



Main Reason Behind QP Leak

Human Error

Lack of Latest Technology

Lack of Awareness

Discrepancy in Transport

Current Methodology

- Question Paper is Created by Teachers
- Transported A day before to a Nearest Bank under Extreme Security
- Transported to schools under Police Protection an Hour before Examination
- Distributed among Students

Basic idea

- NEW SERVER CREATION
- ADDITION OF AFFILIATED SCHOOLS IN DATABASE
- SCHOOLS AUTHENTICATION
- JIT QP
- DATA MANIPULATION
- QR CODE/WATERMARK
- 100% security & transparency
- Audit Trail addressing RTI
- Using Next Generation Technology
- Limited Logistic Effort of Printing and restricting Paper movement
- Zero Leak, Zero Impersonation

Login page

- Private Network only for Schools Affiliated to CBSE
- Particular User Id & Password(Provided by Concerned Board)
- Creating Login Page using PHP
- Accesibility to all affiliated college using their unique UID and Password half an hour before the Exam

JIT QP

- JIT QP- Just In Time Question Paper
- Provision of a set of 50 Questions for each Question No
- Random Selection of Question And Question paper Creation
- 128 bit Encryption
- Highly secured and monitored facilities
- Uploaded data securely stored giving access to the Controller of Examination or authorized personnel
- Sending passwords to pre-registered mobile numbers of authorized representatives in registered Schools
- Printer in Each class for less Paper Movement and transparency
- Creating the questions according to the Blue print Suggested by Board keeping in mind the % of easy, Medium and hard questions