

Website for Online Application Automatically Restores Address by Mobile Number

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ABSTRACT

The Main objective of my project to provide well organised way of allocating exam locations for government exam candidates and other necessary exams. Using one's mobile number providing nearby locations for registered candidates. We can avoid time wastages and cost of travel etc. Each time we make an application for an exam, we have to submit all the papers of all the beforehand appeared exams. Also the documents have to be attached with the form along with true copy done. All this requires lot of certification and also the form becomes difficult with so many documents attached. Sometimes the staff due to his carelessness can make error in verification and can lead to errors. This system will make a complete information about each individual student. It identifies location of student using mobile number. It access address from mobile number which having proper address proof. It will contain all the assessment details from his H.S.C. till date, which will include all government given details results in it. These results will be in the form of scanned paper. And the format will be very packed in one which wont require more storage space. The project provides facilities like online registration and profile creation of students thus reducing paperwork and automating the record creation process in an examination centre. It will store all the details of the students including their environment information, learning qualifications, personal details and all the information related to their recommence.

Keywords : Restore, ID, CAPTCHA, Data Flow Diagram, Encryption, Data Security

I. INTRODUCTION

The 'Web based Online Application automatically restore address by mobile number' System allows students, through Internet, to register, add education documents, payment mode within the registration period. Admin can approve or reject students.

The System provides for students are register online and exam centre located by the student mobile number. The students can easily pay the amount after registering application. It guides the student step by step during registration. Student document copied to server database. The mobile has its verification address proof. Exam centre may vary from one to another. This system functionally works every time the exam will open for the student.

Admin have eligibility to adding or dropping student. When the registration period is over, all previously registered information by the students will be viewable in the system.

II. METHODS AND MATERIAL

A. Features

The students may or may not have preceding experience by such system. Ideally, any apprentice can see him/herself to the system, to do the following:

- ✓ Register Application during the registration period.
- ✓ Student gets the online security login by captcha.
- ✓ Use Previous documents once again when exam will conduct

- ✓ Pay registration fees Online through a secured web access.

B. List

- ✓ Student Information
- ✓ Degree Analysis
- ✓ Financial records
- ✓ Current Transactions.
- ✓ Change the login password

C. Login Information

The Login information is very strong and unique for the thestudent and it is integrated with them that is if the password has been changed for any of these systems, the online password will be changed sub-sequentially. If the student loses or forgets his/her password, he/she should do the following:

- ✓ Reset password charges at the financial department.
- ✓ The System password should consist of eight (8) digits minimum.
- ✓ The student Email should be active and maintain the confidentiality of his/her login information.

D. Conditions of using the System

The student may use the system to register, if the following situation are fulfilled:

- ✓ The registration is done during the listing schedule
- ✓ The student should have recorded all course certificate of his/her study and should not have had any exemptions during his/her scholarship period
- ✓ The student status is not suspended, prohibited, cancelled, or does not have an academic Block
- ✓ The student has an Academic entered on the System;
- ✓ The student has payment
- ✓ The student email is active.

E. Procedures

- ✓ The student will login to the system , enter data to the appropriate column
- ✓ The student will click Save to confirm registration.
- ✓ The address located by the system
- ✓ document downloaded as soft copy
- ✓ payment mode is very secure encryption

F. Existing System

Existing system is manual entry of up keeping of the details of the student who are registered previously. And it is very not easy to maintained student information in record. It is very difficult to the students from far distance to collect information of its own. This system is required to prepare registration and application form for the students and required to print a group of number manually. To compute how many students registered, and verification of details of these students in a month by hand is very difficult. This requires quite a group of time and waste of money as it requires quite bunch of manpower to do that. Another factor, that takes into account that is the possibility of errors. The limitation of existing system is that it is not all personalized. It cannot be used for not public and quick reference. Even other member can make quick entries if the responsible person is not present.

G. Limitation of Existing System

- ✓ Time to check right and wrong application
- ✓ Human error
- ✓ Limitation of no of student can give examination at a time
- ✓ Require admin to monitor each data
- ✓ Student needs to come and get status of its own

H. Proposed System

The modern computerized system is developed with the aim to overcome the drawbacks of existing manual system. We have study manual examination system and identify probable automation. The proposed system has got many advantages. People from different parts of the world can register very easily. The new system is more personalized. It is maze in such a manner that all the new students can understand all the options in it very easily. It is made in a quick and easy referential manner. Access to all important matters are not for all time locked and can be opened easily at the time of need. The advantages of proposed system are that security is maintained in the new system. Securities for all important data are sustained in sureness. As it is easily understandable and user friendly, quick entries can be made in this system

- ✓ Complete Automation, no manual intervention in whole process of registration

- ✓ Each student location fixed by spheroidal model
- ✓ No geographical boundary
- ✓ Student can register from anywhere of the world by 24X7

III. RESULTS AND DISCUSSION

A. System Architecture

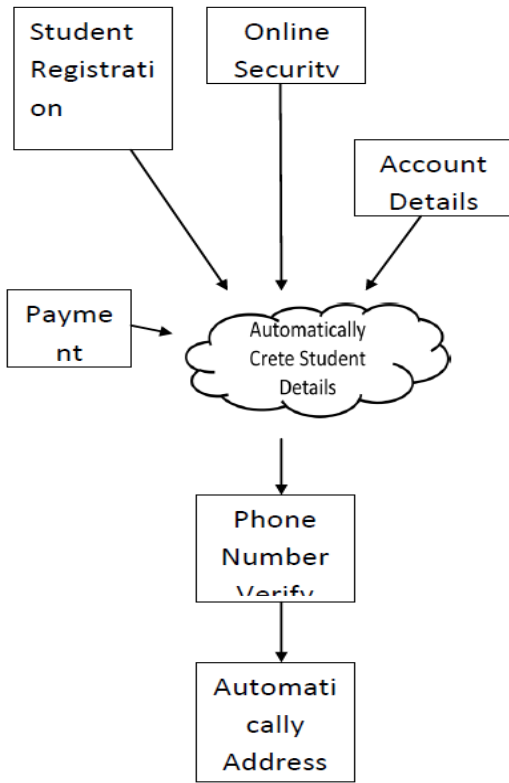


Figure 1.

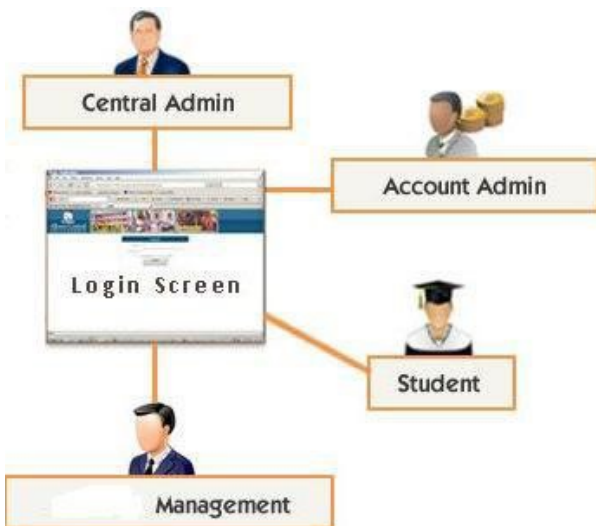


Figure 2.

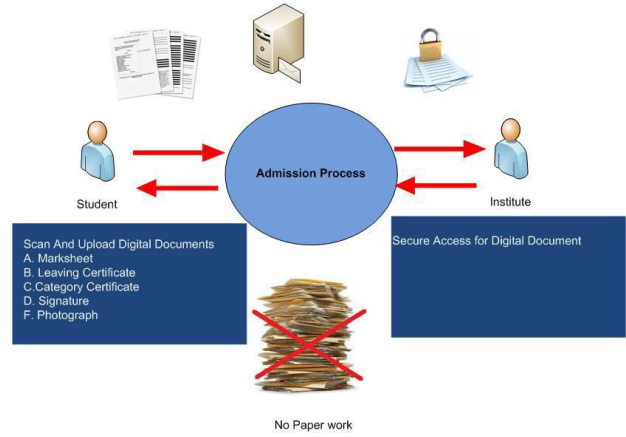


Figure 3. Document Management

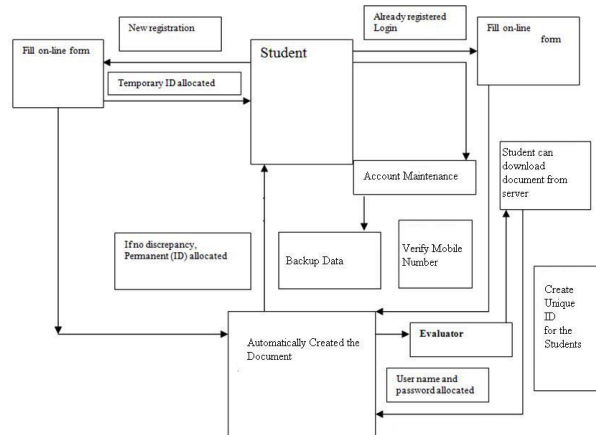


Figure 4. Data Flow Diagram

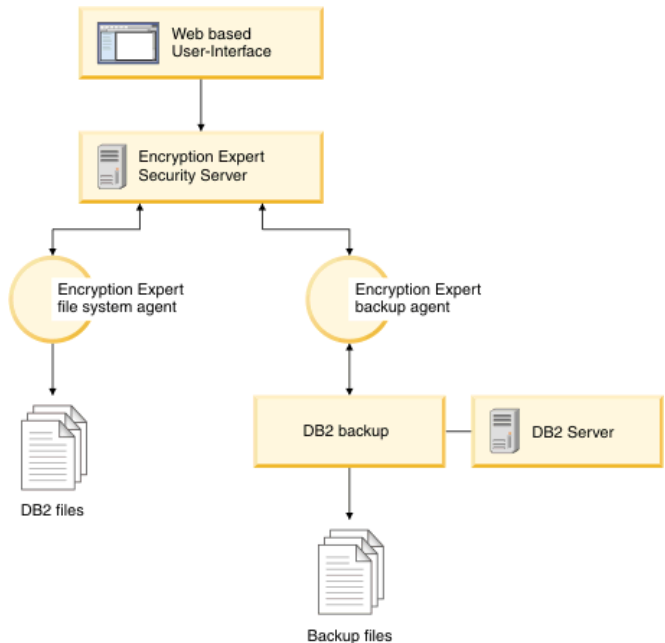


Figure 5. File Encryption

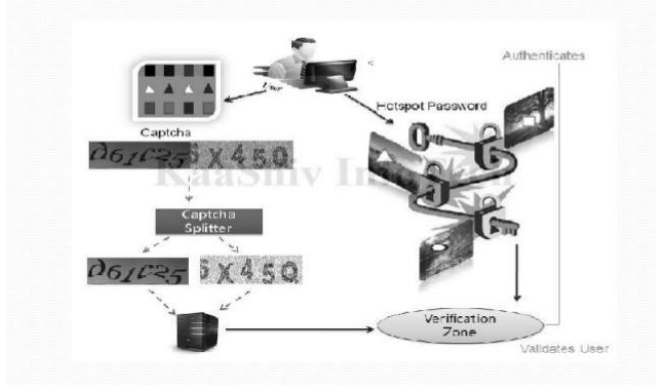


Figure 6. Data Security

B. Module Description

- ✓ Student Login
- ✓ Address Locator Module
- ✓ Account Maintenance
- ✓ Payment Module
- ✓ Document Carrier Module

Admin Module

- ✓ Preventing brute force attacks.
- ✓ Strong passwords
- ✓ Complexity password (Letters and numbers, or requiring one special character)

There are a number of techniques for preventing brute force attacks. Web application should put in force the use of strong passwords. At a minimum, requiring users to choose passwords of eight print or more with some complexity (letters and numbers, or requiring one special character) is an brilliant defence against brute force attacks when joint with one of the techniques outlined above. Thus, the admin login is secure by strong password.

Student Login

- ✓ Tools such as the free reCAPTCHA can be used , routinely reads Web logs and alerts an administrator if multiple attempts come from one IP address.

The Student can login and view balance and last five transactions which will help him to be aware of his data and accordingly refill it whenever required. The technique is to use a challenge-response test to prevent automated submissions of the student login page. Tools such as the permitted reCAPTCHA can be used to

necessitate the user to enter a word or solve a simple math problem to ensure the user is, in fact, a person. It may appear, at first, useful to use a tool that robotically read Web logs and alerts an administrator if multiple attempts come from one IP address.

Address Locator Module

- ✓ The location is identified by the mobile number,
- ✓ Method spheroidal model calculate distance 200metres over 50km,
- ✓ Also accuracy results

The location is identified by the mobile number of student who applying online. Location is accessed from the network database. There are few category of exam centre allocated by the government. If our network location is match with allocated centre, it is automatically selected in appropriate field. In another case we use the method spheroidal model for the Earth with an average radius of 6364.963km. The formula is estimated to have an accurateness of about 200 metres over 50km, but may deteriorate with longer distances

Account Maintenance

- ✓ Accounts of the students holding the unique ID,
- ✓ Backup data,
- ✓ Corrupted the data can be better updated in the future.

The admin is responsible for maintaining the accounts of the students holding the unique ID. Data is sometimes backed up by software, as mentioned previously. When a piece of data is changed for whatever basis and the data stops performance properly, the data can be replace by the backup data that worked in the past. Then, the programmers can determine which changes despoiled the data and determine how this data can be better simplified in the future.

Payment Module

- ✓ Data Encryption,
- ✓ Safe Login Screen

This ID on the card can be scanned to pay fine for the library books. The unique ID can also be used to pay for exams.

- ✓ PCI Compliance
- ✓ Data Encryption
- ✓ Safe Login Screen

Document Carrier Module

- ✓ Student can download document from server

The unique ID can be used to retrieve the important documents of the student stored on the server. Thus the student doesn't have to carry the hardcopy of the documents always.

IV.CONCLUSION

During the registration of my dissertation, I found out that a computer aided information management system makes information management much more convenient and efficient, it also makes for a more accurate information system in online. This is opposed to the manual method, which is stressful, time consuming prone to mistakes due to excessive dependence on the human element involved.

V. RECOMMENDATIONS

Having highlighted the usefulness of a web based online register automatically restore address system, I recommend the following to be implemented in online;

- i. They should computerize the entire department, to ensure easy flow of registration in online.
- ii. It ensures smooth implementation of the new system.
- iii. Even after automatic address system of the whole department, they must guarantee that all the system are linked to one fundamental local network, endangered with high security measures

VI.FUTURE IMPROVEMENTS

We have prepare new system after identify issue in existing manual registration system. Scope of this Website for online application automatically restores address by mobile number system

It is very broad in terms of other manually taking sregistration. However we can develop our system in following description like.

- ✓ Linking of other online site
- ✓ Include graphical and media file as feedback

- ✓ Use of for more smooth interface

VII. REFERENCES

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