

Electronic Certificates to Avoid Fake and Tampered Academic Documents

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Abstract

In today's world, fake academic certificates scams are getting more and more common. These fake certificates are spoiling most important part and sole of the country that is education system. Hence protecting society from these fake academic documents holder is very important otherwise one day it will spoil whole society.

In protecting country from these fake certificate scams, Digital system can play very crucial role. If all academic institutions issue E- Certificates (Digital certificates) with online verification system, we can avoid fake certificates and we can make our society fake document less society and we can build good education system.

Advantages of E-Certificates over traditional paper certificates:

To Institution:

1. **Easy to Issue:** Academic Institutions can issue large number of certificates in a single click of button.
2. **Easy to correct the mistakes:** Institutions can easily correct the large number of documents easily.
3. **Low budget:** Compared to traditional hard copy issuing system softcopy issuing system will take low cost.

To Students:

1. **Easy to get:** students can download their certificate anywhere at any time. It will save the time, money of the students.

2. **Easy to Maintain:** No fair of stealing of the documents, no fair of damages of documents.
3. **No need to attach the documents with applications:** Students can mention only their certificate numbers in applications instead of attaching them to applications. It will save students application cost and also helps recruiters to easily verify the documents on line.

To Country:

1. **Avoids fake documents:** It avoids fake marks cards, Mphil and PhD certificates.
2. **Modernize the education system:** It will show the sign of modernization and it will be considered as a first step of digital education. In future new more and more applications can be invented.
3. **Paper less world:** It will help to create paperless world and help to save environment.
4. **Easy verification:** Government and private recruiting agencies can easily verify the documents by saving time and money.

PROPOSED MODEL:

To avoid fake link generations, every country can create one official site to provide root links to states official sites. Every state official site must provide links to recognized institutes website links as shown in figure 1.

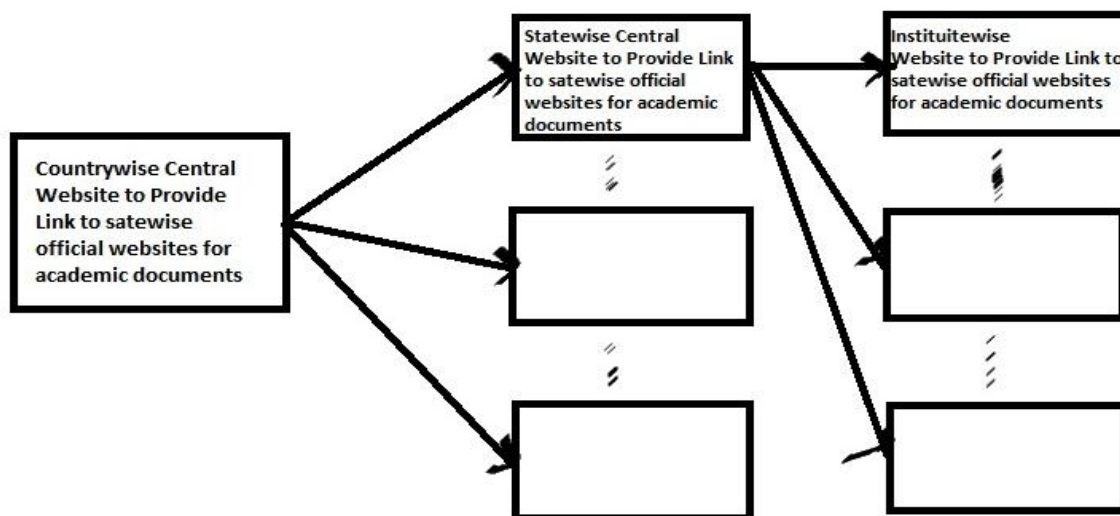


Figure 1. Countrywide and statewide website arrangement

Every institute has to maintain database for all its certificates and institute websites must support two main functionalities 1. Certificates download option by verifying student's

credentials and 2. Certificate verification options as shown in figure 2.

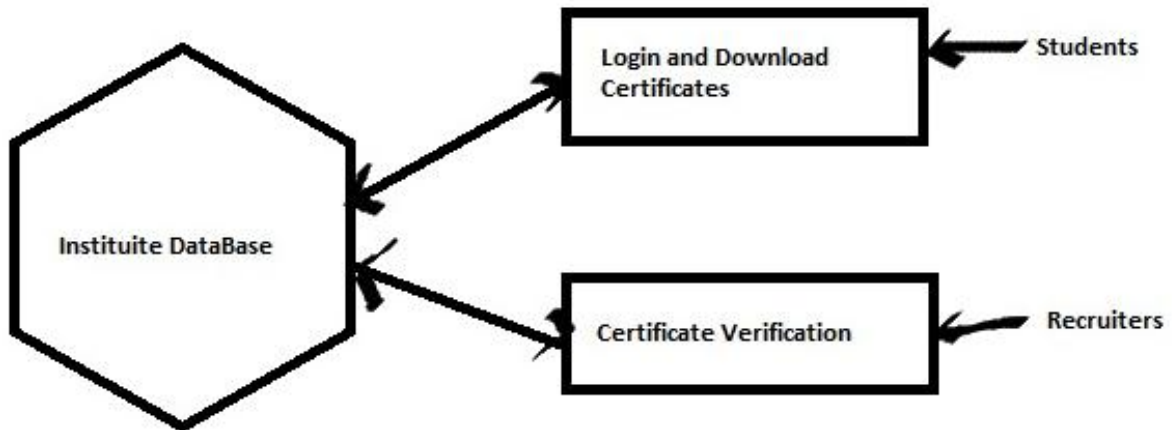


Figure 2. Institute website arrangement.

CONCLUSION

This proposed system helps lot to save the country from fake documents and provides healthy and good academic system to country. It is a cost effective and environment friendly approach to avoid the fake documents. Not only academic documents this system can be extended for all types of documents such as life insurance policies, government bonds etc with small modifications.

REFERENCES

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