Aadhar Plus

Sameeksha Pagar[1], Sampada Pawar[2], Ankita Pawar[3,] Sayali Pawar[4],
Prof. W.W.Pingle[5]

[1] *Student, Computer, K. K. Wagh Institute Of Engineering Education & Research Nashik, Maharashtra, India*
[2] *Student, Computer, K. K. Wagh Institute Of Engineering Education & Research Nashik, Maharashtra, India*
[3] *Student, Computer, K. K. Wagh Institute Of Engineering Education & Research Nashik, Maharashtra, India* [4] *Student, Computer, K. K. Wagh Institute Of Engineering Education & Research Nashik, Maharashtra, India* [5] *Professor, Computer, K. K. Wagh Institute Of Engineering Education & Research Nashik, Maharashtra,*

ABSTRACT

Aadhaar Plus Project is mainly based on the QR technology. In this project we used QR Scanner; we have an QR in Aadhaar card which is issued to each and every citizen with a unique identification number in it. This card will be used as a unique identification and will be used in various aspects. The control modules are developed based on mobile application development. Mobile Application are becoming increasingly common due to the fast deployment of Android offering high processing speeds at an affordable price and allowing for simple and reliable use of Open Source software. The user credentials are validated locally or in a central database. Authorized users are given access to reserved areas. By using a powerful database, very flexible and complex high level administration and management functions can be implemented.

Keyword :- *Data Encryption Standard,Client/server,Distributed Programming,QR code,Android*

1. INTRODUCTION

Nowadays, Aadhaar card is the important document as a identity which can be linked to our mobile number or any other important documents for easy updation of personal information. In this project we aim to link individuals Aadhaar card to his/her documents like medical information, educational information and license information for easy and quick access without any wear and tear of documents. Individuals university marks ,medical history hence can be linked to his/her Aadhaar card which can be viewed at any time.

Aadhaar plus project supports digitalization.It will consist of 4 modules with different functionality.User application will be the only application which will be available for download.Medical,traffic and educational application will be provided to authorized person.Authorized person can update or edit user application.User application is thus useful for providing individuals important documents at one place.The basic idea of project is to increasing the efficiency of keeping documents for a average person. The system proceeds in following steps:

1) Authorized person scans the QR code of the user.
2) Authorized person can make changes and can edit the important information.
3) User application will be available on play store .This system maintains the record
of important information and documents of the user which eventually increases the
efficiency

2.LITRATURE SURVEY

- Aadhaar-PAN linking: Unless a finding is made that Aadhaar is constitutionally not valid, tax return filers will need to link their PAN with Aadhaar by August 31, 2017," says a CBDT press release dated July 31, 2017. Although tax filers could file their returns - on or before August 5, 2017 - for the assessment year 2017-18 without linking their Aadhaar with PAN - quoting Adhaar or acknowledgement number for having applied for

Aadhaar - the department of Income Tax notes, "income-tax returns filed will not be processed should tax filers fail to link Aadhaar and PAN on or before August 31, 2017.

- The Use of QR Codes and Mobile Technology in the Blended Learning Approach,Manama, Bahrain:Mobile technology is increasingly being used to support blended learning. The satisfactory results of our previous research show the use of mobile technology could enhance accessibility and communication in a blended learning course. In Algeria the mobile penetration rate stands at over 111percent and 21percent with 3G. Since most our students have access to mobile technology, three in five were smartphones, this number that is expected to climb to over 65percent by the end of 2015. Using this technology would encourage students to use their phones to send questions to their teachers, see the platform, ads, grades,listen a podcast and snip the Quick Response (QR) codes. We propose some aspects of using QR codes in Learning Management System (LMS) at the National Institute of Telecommunications and TIC (INTTIC). QR Code is still relatively new and still in its infancy in education. The use of QR codes in INTTIC-LMS can be placed in the context of mobile learning. We carried out the implementation of vCard, Quizzes and QR voice as a new tool in the Moodle platform. The QR code contains the URL of the page on one particular Moodle course and quiz are added to the bottom of Moodle. Students' satisfaction had been acknowledged as an important factor in order to estimate the effectiveness of a blended learning course.

3.PROPOSED SYSTEM

Application will have deployment setup which will consist of Android phones(version more than 4.2.2), Windows laptop and Mysql database. Android phone i.e user application will scan the QR code on Aadhaar card and fetch the information of individual. Information of individual and also updated or edited information by authorized person i.e rest 3 applications will be stored on server. Encryption algorithm will be used for security purpose.
User application: It will be available for download which will store information of that individual. User needs to create his account for log-in purpose .
Medical application: It will be available to authorized person like doctor which will update or edit information of individual like medical history,allergies etc.
Educational application: It will be with authorized person .It will store individuals University marks.
Traffic application: It will be available to only authorized person like traffic police .Individuals data like penalty left ,number of times rules broke etc. Will be updated by traffic police.

4.SYSTEM ARCHITECTURE DIAGRAM

Customer use mobile device will scan QR code on Aadhaar card.After scanning it displays information in PHP format.Then,data is send to LAN using wifi.Using JSON ,information is send to server,server extracts information in mysql database.
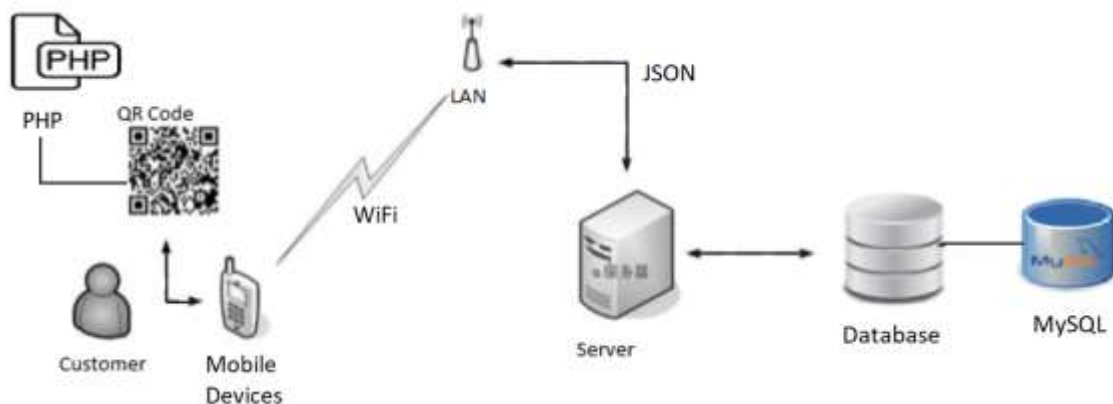
5. CONCLUSIONS

The primary purpose is to reduce human dependency on physical documents as the risk of loss and wear-and-tear is much higher when they are physically used. Hence, it is helpful for development of country as it supports digitalization. The proposed project is useful for easy and quick access of documents at anytime and anywhere.

6. ACKNOWLEDGEMENT

7. REFERENCES

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