

E-CARDS DOWNLOAD

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ABSTRACT

This “E-Card Downloading application” is to design and develop for well secured dynamic application used for easy retrieval of necessary cards. Issued in the form of a standardized application, which includes the details like Driving license, Voter Id, Ration Card and Aadhar Card. Sometimes we come across the need of submitting or to show the proof of hardware copy of cards at this time this e-card application which is an safest application used for downloading cards of our necessary. This application also contains OTP generation in which the otp is send to the registered mail id so that we can protect our details from others.

KEYWORDS

Smart card, otp, verification,download

1. INTRODUCTION

The main objective of the web application is to download all the four cards in one web application. In this web application user can download all these four cards Aadhar card, Driving licence, Ration card and Voter id through unique identity number. User can also contact the admin through chatbox for seeking help. card application is considered as an easy and safest downloading methods of an cards. E-card application helps people to download regarding cards of their own necessary. It also need less manpower to handle updating details of every citizens of the country. The usage of smart card is very popular in the world. Some institutions use smart card to support their business for example, identity card, stored digital money. This paper proposed design multi purpose smart card to create identity card and payment transactions. The design make smart card doesn't save some data directly in the smart card but in the server for account based system. Authentication process must be fast to serve many transactions on client. payment card, the smart card has a microprocessor or memory chip embedded in it that, when coupled with a reader, has the processing power to serve many different applications. As an access-control device, smart cards can be used to access server. Through their combination of portability and security, smart cards are playing an increasingly important role in the rapidly developing areas of electronic commerce and online information services. Smart card technology has advanced over the last 30 years: storage and processing capabilities are improved, security has been enhanced, the management software has matured, contactless technologies are available, and multiple applications are there. Aarti Bhosale, Shweta Bhor, Pratima Sabale, Pushpak Shinde, “Survey on Smart Ration Card using Internet of Things” International Journal of Computer Applications (0975 – 8887) Volume 180 – No.3, December 2017. Dr. Satyam Pincha, Kusum Lata Joriya, “Analytical Study on Aadhaar Card (UIDAI) and its inclusion into Public Services Delivery” Journal for Studies in Management and Planning

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2. PROBLEM STATEMENT

Architecture diagram

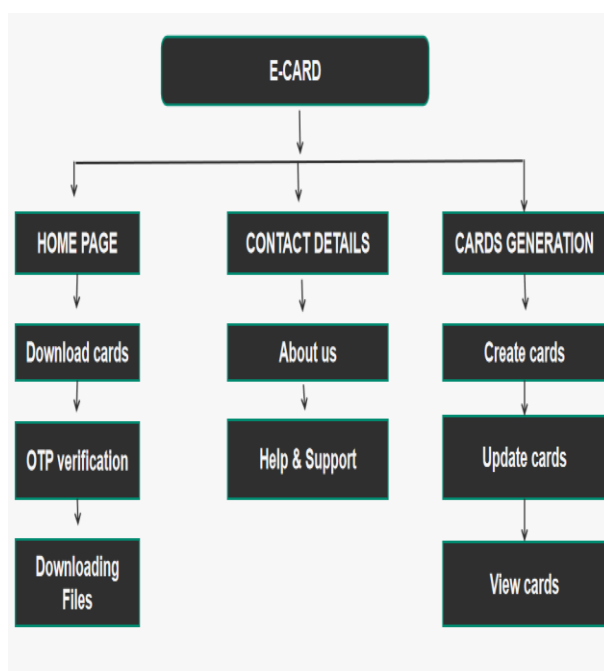


Figure 1 Architecture diagram

3. EXPERIMENT AND RESULTS

A. Modules

- i. Cards Generation (Admin) : E-card application is an web based application used for downloading cards. In this modules we can create e-card, update e-card details like uploading aadhar card, driving licence, ration card and voter id files which to be download, view e-cards and store data
- ii. My Card : In this module user can download the regarding cards of their need. In this module it contains an unique identity number for downloading each cards. It contains an captcha and otp generation through which an citizen can safely download the document file. And user can chat with the admin through chatbot.
- iii. Create E-card : In this module admin can create all the details of the citizen through which they can download the regarding cards through “My card” module.

- iv. Update E-card : In this module admin can update all the cards of the citizen so that they can avoid the cards downloading of wrong details or expired cards
- v. View E-cards : In this module admin can view all the card details.

B. Output Screen

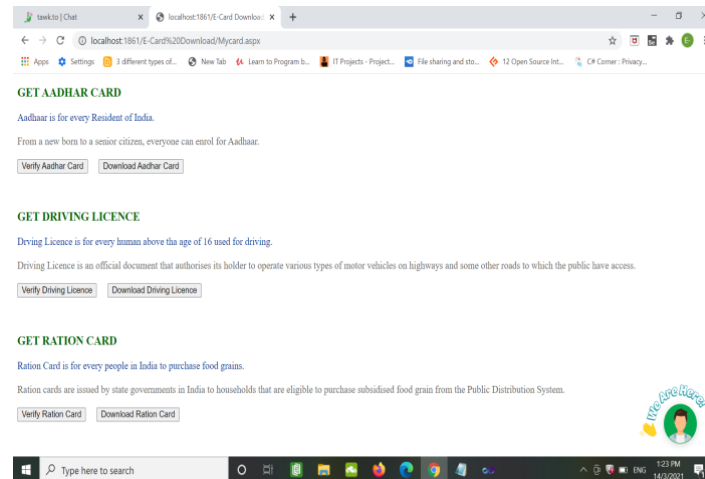


Figure1.Welcome Page

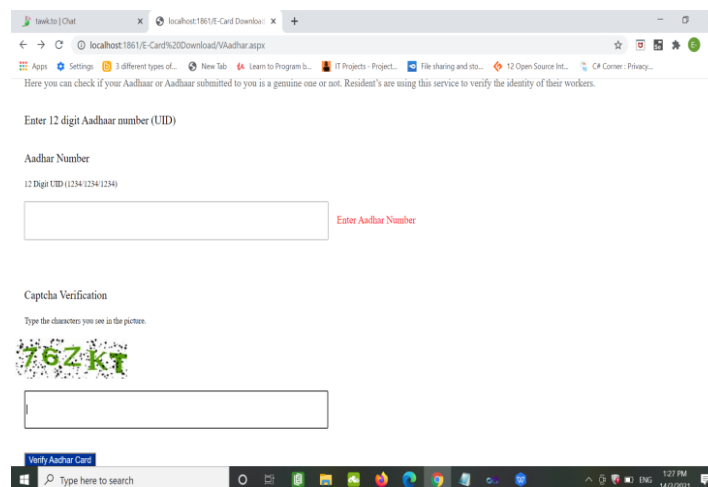


Figure 2. Verification Page

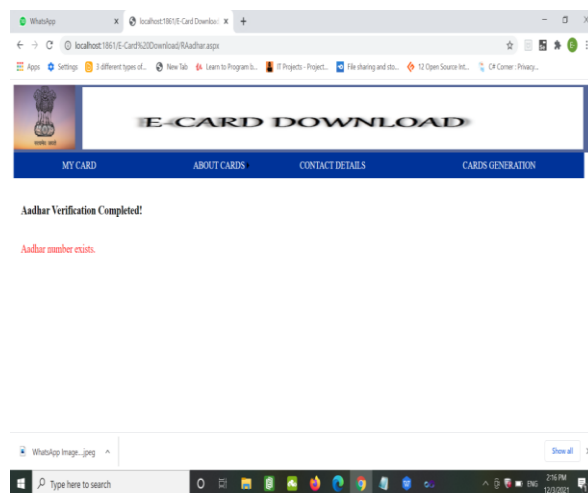


Figure 3. Verified Page

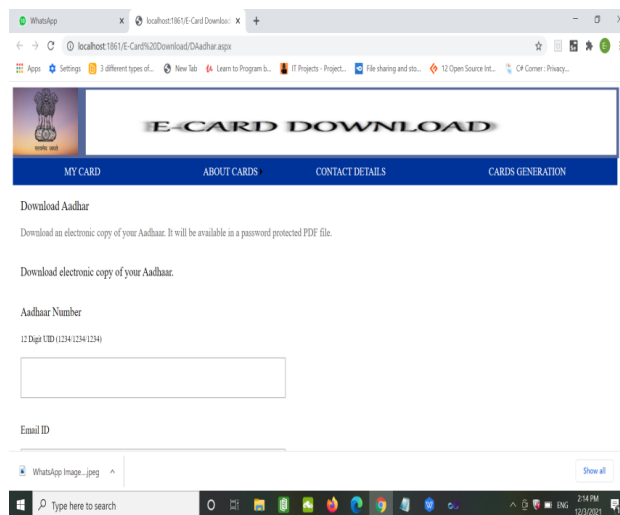


Figure 4. Download Page

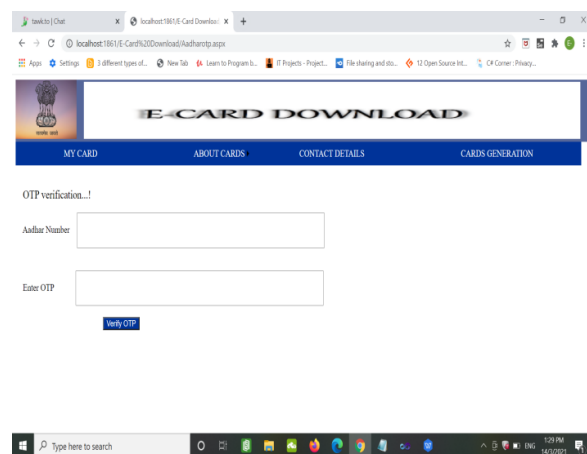


Figure 5. OTP Verification

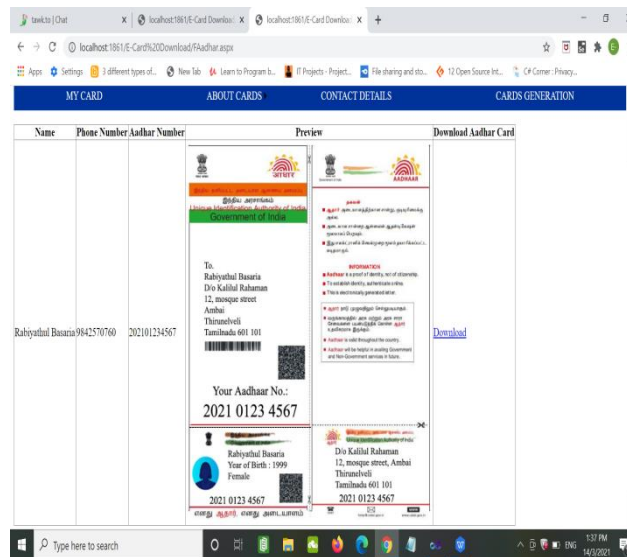


Figure 6. Desktop

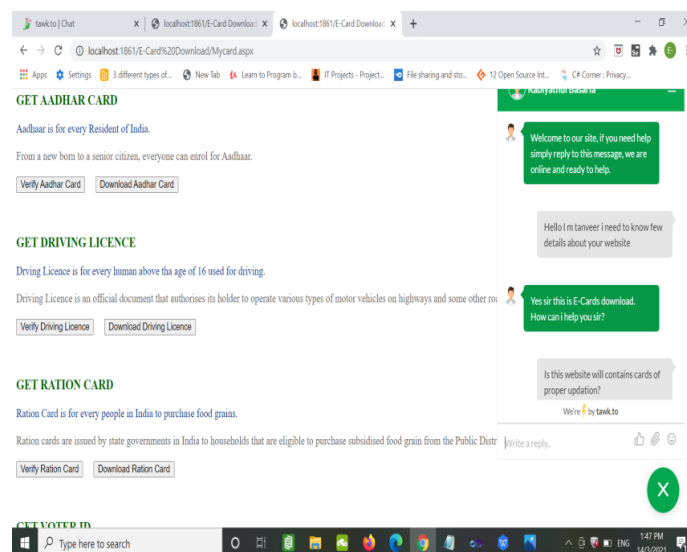


Figure 7. User chatbot

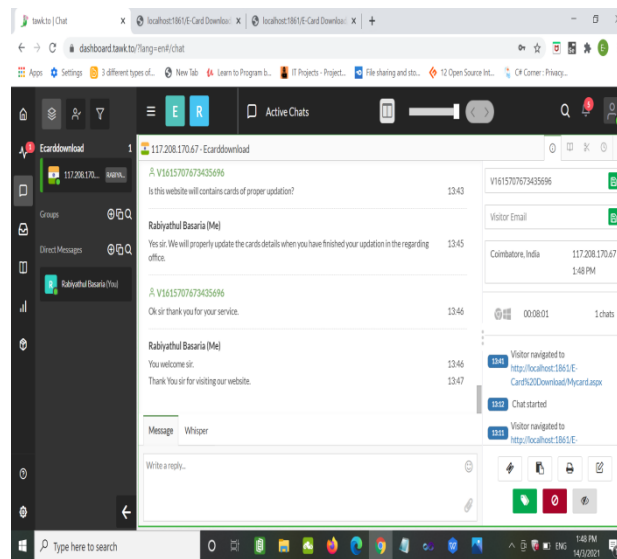


Figure 8. Admin Chatbot

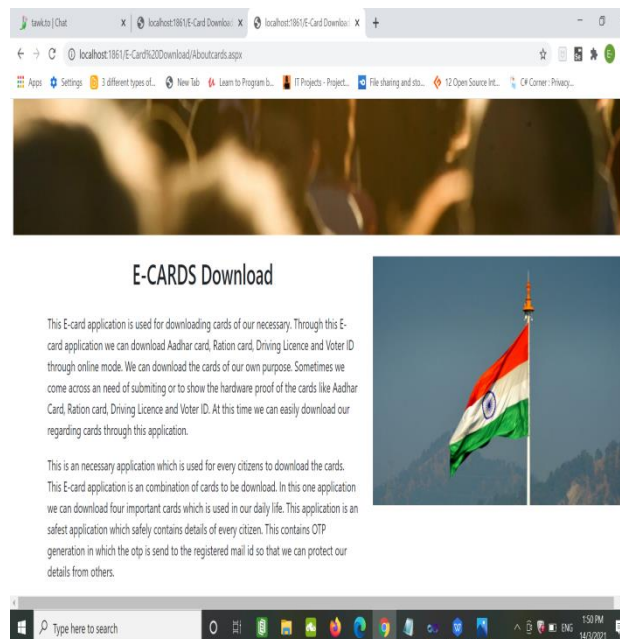


Figure 9. About Card Page

taskto | Chat | localhost1861/E-Card Download | localhost1861/E-Card Download | +

localhost1861/E-Card%20Download/ContactDetails.aspx

3 different types of... New Tab Learn to Program b... IT Projects - Project... File sharing and stu... 12 Open Source Int... CP Corner - Privacy...

E-CARD DOWNLOAD

MY CARD ABOUT CARDS CONTACT DETAILS CARDS GENERATION

Send us a Message

User Name

Phone Number

Email Address

Message

MESSAGE

Type here to search

1:51 PM 14/5/2021

Figure 10. Contact Page

taskto | Chat | localhost1861/E-Card Download | localhost1861/E-Card Download | +

localhost1861/E-Card%20Download/CardsGeneration.aspx

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E-CARD DOWNLOAD

MY CARD ABOUT CARDS CONTACT DETAILS CARDS GENERATION

User Name

Password

LOGIN

Type here to search

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Figure 11. Cards Generation Page

taskto | Chat | localhost1861/E-Card Download | localhost1861/E-Card Download | +

localhost1861/E-Card%20Download/Cards.aspx

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E-CARD DOWNLOAD

E-CARDS INBOX LOG OUT

CREATE E-CARD


UPDATE E-CARD

VIEW E-CARD

Type here to search

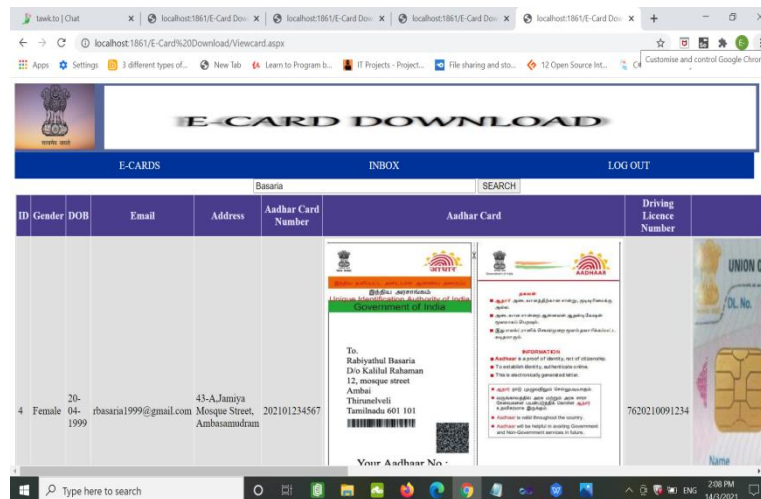
1:53 PM 14/5/2021

Figure 12. E-card page



The registration page features a header with the Indian emblem and the text 'E-CARD DOWNLOAD'. Below this is a navigation bar with 'E-CARDS', 'INBOX', and 'LOG OUT' links. The main form contains input fields for Name, Gender (a dropdown menu currently showing 'Male'), DOB, Phone Number, Email, Address, and Aadhar Card.

Figure 13. E-cards Registration Page



The view page displays a table with columns: ID, Gender, DOB, Email, Address, and Aadhar Card Number. The first row contains the following data: ID 4, Gender Female, DOB 20-04-1999, Email rhasaria1999@gmail.com, Address 43-A, Jamiya Mosque Street, Ambasamudram, and Aadhar Card Number 202101234567. To the right of the table is a large image of a sample Aadhar card for Rabiyaatul Hasaria, D/o Kallih Rahaman, 12, mosque street, Ambai, Thirunelveli, Tamilnadu 601 101. The card includes the Government of India logo, a QR code, and a list of instructions. Below the table, there is a field labeled 'Your Aadhaar No.'.


Figure 14. E-card View Page



The screenshot shows a web application titled "E-CARD DOWNLOAD". It has a navigation bar with "E-CARDS", "INBOX", and "LOG OUT" links. Below the navigation bar is a table with the following data:

ID	Name	Gender	DOB	Pino	Email	Address	Aadhar
1	Beejan Bevi	Female	22-01-1973	9842760712	beejan73@gmail.com	43-A, Jamia Mosque Street	12

Figure 15. Cards Update Page



The screenshot shows the same "E-CARD DOWNLOAD" application, but the table now displays chat messages. The data is as follows:

Name	Phone Number	Mail ID	Message
Dhanish	9870654312	dhanish97@gmail.com	as i am suffering from fever i want leave.
Murthy	9812340567	murthykumar9@gmail.com	How can i update my card details.
Ridhya	7865430912	ridhya99@gmail.com	Where can i update my card details?
dha	1234567891	mqwqwq@gmail.com	
Vasun	9876123405	vasun76@gmail.com	How can i download my cards?

Figure 16. Cards Inbox Page

C. Performance Analysis

The existing and proposed system are analyzed. The problem identified in the existing system is user can download the aadhar card document file using otp generation. The framework for authentication is open ended. And user has an hesitation of registering their details because of the security of the web application. Each card has an separate web application to download the cards which leads the user to feel like doing many works. And in these web application there is no direct communication between user and the admin. Nearly, 70% performance has been increased.

4. CONCLUSIONS

E-card Download is developed using Asp.net and SQL. This web application provides facility to download cards in a safest manner. It saves time as it allows easy and safest download of cards whenever necessary. Through unique identity number each citizen can download the cards in a safest manner using captcha and otp generation. And can also chat with the admin so that they can get information about the cards through chatbot or mail.

5. FUTURE ENHANCEMENT

In future, first this application can be featured in the improvement of platform to look more interactive. Second this application can add more cards to be download based on future security issues, security can be improved using emerging technologies. Third this application can contains many youtube videos about how to download cards and also the purpose of these cards. Fourth it can involves scanning cards using QR code so that aadhar card, driving licence, ration card and voter id can be scanned and shown in an device as an alternative.

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