CITIZEN CARD SYSTEM

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ABSTRACT

The Project 'Citizen Card System' gives us the information about the citizen in any country. A Citizen has unique Id to find out the personal information in each and every department or service wherever a citizen goes. This information can be found out by the unique Id of the citizen. If any citizen wants to utilize the services or utilities by the Government or Private organizations, he has to go to each and every department with different Id for that particular department. Instead, a citizen card helps in having all the utilities and services under one unique Id. This system not only helps us to know the information about the services or utilities but also it gives the information about the character of the citizen in credit rating.

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1. INTRODUCTION

A **Citizen Card** (also called **Identification** or **ID**) is any proof which may be used to verify aspects of a person's personal Identification. If issued in the form of a small, mostly standard-sized card, it is usually called an **identity card** (**IC**). In some countries the possession of a government-produced identity card is compulsory while in others it may be voluntary. In countries which do not have formal identity documents, informal ones may in some circumstances be required.

Many organizations need to be sure of your age or identity. Using a Citizen Card is voluntary, but it can make life much easier. Even if you have a passport or driving license, Citizen Card means you can leave these more valuable documents safely at home. Using a Citizen Card means that you can access the products and services to which you are entitled.

Most shops, pubs, clubs, airlines (domestic flights) and other organizations recognize Citizen Card as valid photo-ID or proof-of-age. As a scheme audited by the Trading Standards Institute Citizen Card was the first scheme to carry PASS (Proof of Age Standards Scheme) accreditation, supported by the Home Office.

1.1 PURPOSE OF THE PROJECT

The Project 'Citizen Card System' gives us the information about the citizen in any country. A Citizen has unique Id to find out the personal information in each and every department or service wherever a citizen goes. This information can be found out by the unique Id of the citizen. If any citizen wants to utilize the services or utilities by the Government or Private organizations, he has to go to each and every department with different Id for that particular department. Instead, a citizen card helps in having all the utilities and services under one unique Id. This system not only helps us to know the information about the services or utilities but also it gives the information about the character of the citizen in credit rating.

1.2 PROBLEM IN EXISTING SYSTEM

The existing system is a manual or semi automated system, i.e. citizen information in the country can be stored in the form of Books or thin databases like Ms excel etc. The major problem of this information is data can be stored in various formats, sometimes it may be changed between states in the country.

Another tedious problems is searching the information of a citizen, it is not an easy thing to find out of citizen information like India. Sharing data from one department to another department is not possible; it may cause lot of delay because data is not centralized.

- It has been argued that identity cards impose a disproportionate burden upon both government and citizens while empowering the executive, which is contrary to the maxim: "the government that governs best governs least".
- In many cases, other forms of documentation such as a driver's license, passport, or Issuing Credit card serve a similar function for that identify a citizen through manually system is a tedious process.
- The cost of introducing and administering a Citizen Card System can be very high.
- Age, address, personal details verification of a citizen is not that much of easier.
- Observing that illegal immigration into the country was posing a serious threat to national security, a high-powered government committee has strongly recommended a unique identity card for citizens is compulsory.
- The recommendation assumes significance amidst reports of a large number of Bangladeshi immigrants and terrorists sneaking into the country from across the borders.

1.3 SOLUTION OF THESE PROBLES

The Citizen Card is treated as Official ID and proof-of-age for anyone resident in Country. This Card is recommended by Trading Standards, the Police, and shops, pubs, local authorities, schools, MPs and many other organizations.

By Citizen Card System we can solve major problems

1) Stop Infiltration

2) Easy Identification of Person

3) Stop corruption

4) Stop Tax Evasion

5) Maintain the history of every person

1.4 PROPOSED SYSTEM

- Identity verification in banks or at national borders with a standard Citizen card would be simpler than with a physically bulky passport, especially if

banks don't accept residents having foreign passports.

- Eligibility or ownership verification would be facilitated (for example, when paying with a credit card or cheque, or attempting to buy age-restricted products).

- False identification may be reduced where identity cards are required to access a bank account. Of course, phishing and many other forms of identity theft will be unaffected.

- Citizen Cards can be a useful administrative tool that can increase efficiency in dealings with both the government and private companies.

- Cards may help reduce immigration service bureaucracy. In certain countries, the procedures for deporting illegal immigrants whose ages, identities or nationalities cannot be formally established are more complex than those for whom they can be readily asserted. This gives illegal immigrants more time to prepare their legal defence.

- In many countries ID Cards are given only to citizens, these can be a source of pride since they are often the most tangible proof of citizenship.

- Commercial organizations such as banks typically do not try to authenticate the identity of a person, but rather the validity of a transactions (e.g. by signature or PIN) due to the acknowledged difficulty in reliably identifying an individual in a fraud proof and convenient manner.

- And the Citizen Card System database that exhaustively covers the whole population is perhaps the only way of ensuring a direct two-way interaction between the state and the citizen; as the unique Citizen ID is necessary for the state and its agencies to correctly identify the unique individual on the other end.

- In other words, there will continue to be a passport database with the external affairs ministry, a PAN database with the finance ministry, a terrorist database with the home ministry, a BPL database with the state governments, the election commission's voters database, and so on. Each of these databases will eventually have one more piece of information -- the Citizen Id number.

2. OVERVIEW OF THESYSTEM

2.1 NUMBER OF MODULES

The system after careful analysis has been identified to be presented with the following modules:

1. Administrator
2. Citizen
3. Guest
4. Managers
5. Web Services
6. Issuing Citizen Cards
7. Authentication
8. Search

Administrator

- He is treated as a owner of the web site.
- He should also have rights to accept the registration of the Citizen based on their profile (unless the Citizen should not able to login to the site).
- He should able to verify the information for a citizen to identify them
- He should be able to edit, delete, and update Citizen Profiles.
- Should able to add/edit the Fields of particular Department like should able to add/edit the field along with Validation rules.
- Should able to add/edit Department details (example: Ministry of External Affairs, Govt. of India issues the

Passport. So under this Department we should able to see what and all fields required to update your Passport details into this site).

- Should Generate the Citizen code automatically with the help of web services.
- Should Accept/Reject the details given by the Citizen about a particular department and send his conformation information to them.
- Should able to search for a Citizen based on First Name, Last Name, Location, Citizen Code, etc.
- Should able to update newly added Departments under this site.
- Administrator having simple and advanced search facilities for search citizen's information.

Upload New Department Details:

Administrator can upload different types of information from various sources regarding departments situated in the country, and he should be able to upload in this system. The major departments like this

a. Minister of External Affairs

b. Banking

c. Income Tax

d. Regional Transports etc.

Register Managers

Administrator can able to register new Manager for each department to process the citizen or guest requests. The manager can send status information in the half of administrator.

Verify requests Coming from Citizen or Guest

Administrator can able to verify the request and assign the request to the corresponding Manger.

Citizens

- These citizens are authenticated to the website by providing the credentials which they got at the time of registration.
- Individual Profile Management for Each citizen is provided in this system by using that a citizen can update his details by using the system interface and get approve from the administrator.
- He can able to secured login with given credentials.
- Should be able to select a particular department and add/update the related records. The entered records will be accepted by the manager in the half of administrator as a conformation and obtains the status information.
- He should be able to search the department details and finds the heads (Mangers) of each department in the system.
- He can able to check the status information which can be sending by the concerned manager.
- They can able to Change and recover the password by using the system interface.

Manager

- This Manager is authenticated to the website by providing the credentials which they got at the time of registration by administrator.
- He should able to search for a Citizen who already registered in this website.
- Individual Profile Management for Each Manager is provided in this system by using that a Manager can update his details by using the system interface and got approve from administrator.
- He can able to got citizen or guest request from the administrator, for each department this system is having individual manager to process the requests.

- By getting the request he can start the checking process and verify the citizen information which can be stored in the centralized database.
- After completion of the verification he can send the status information regarding the request which he receives earlier from administrator.
- The manager can able to change and recover the password by using the system interface.

Guest

- Should able to search for Department details.
- Should able to see the Citizen status of Request (Accepted/Rejected) for a particular department.
- Should able to see newly added Departments under this site.

Issuing Citizen Card

This is important module in this application; it contains the following sub modules

- Citizens apply for Citizen cards, while applying they need to submit these following details are mandatory

  - Name and Personal Details
  - Date Of Birth, Blood Group
  - Voter card No, Ration card no etc.
  - Email and Mobile phone numbers
  - Present, Permanent Address Details
  - Latest color Photograph
  - Login Information etc.

- By verifying these information administrator can assign a new citizen card and provide Citizen Code to them.

Web Registration

The system has a process of registration. Every Group Member or Non-Govt. Officials need to submit their complete details in the form of registration. Whenever a Member registration completed administrator need to approve the registration. Then only a member can get log in into the system by using his user id and password.

Web Service Architecture

In this system we can check the user credentials by using Login Web services, while getting Citizen Code the administrator uses the Citizen Code web services which can be implemented by the system.

2.2 INPUT AND OUTPUT

The major inputs and outputs and major functions of the system are follows:

Inputs:

- ➢ Administrator enter his user id and password for login to authenticate in this system

- ➢ Administrator approves the Citizens Registration.

While registration Citizens can able to provide their information like

1. Personal Information
2. Educational Information
3. Address Information like present and permanent address.
4. They can upload their photo for registration using Browse Image User control.
5. Login information

- ➢ Administrator can upload the various department details in this website.

- ➢ Registered citizens and Managers need to submit their log in information for change their password.

> For searching Citizen Profile guest need to choose the citizen name which can be displayed in the system user interface.

> For sending queries a guest can able to choose his Department Name option through this system user interface and provide his query.

> For upload his photograph citizen need to user the Browse Image user control which can be developed in this system.

> For recover and change password settings citizens need to submit their log information.

> For display department details citizens need to choose Department Id.

> Getting results in simple and advanced search it needs to collecting different input types of citizens like citizen Id, First Name, Last Name, State, District, Zip Code, Blood Group details etc.

Outputs:

> Administrator can have his own home page. Citizens and Managers also can have their own home page after completion of the authentication process.

> Admin get all Citizen and Manager Information details.

> The registered user's data can be stored in centralized database through the system user interface.

> Various types of information can be displayed to the users like department Details, Request status etc. on the system user interface.

> After successful submission of log in information users can got their new password.

> Profile can be update by the users individually.

3.SYSTEM DESIGN
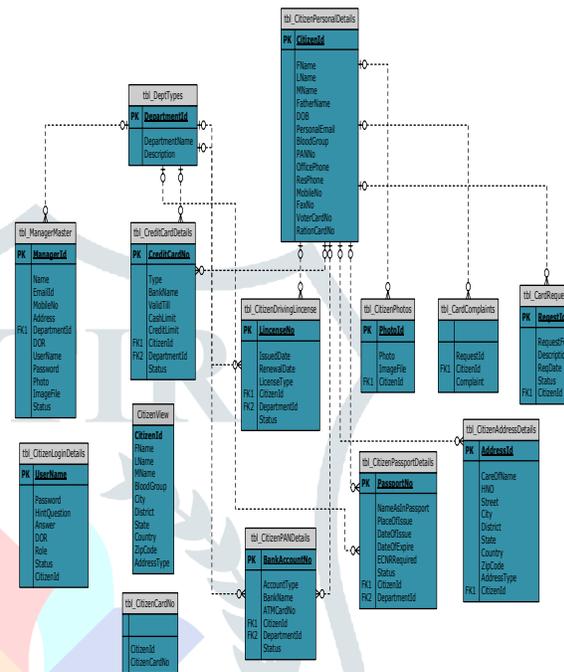
Fig 3.1Admin Usecase Diagram
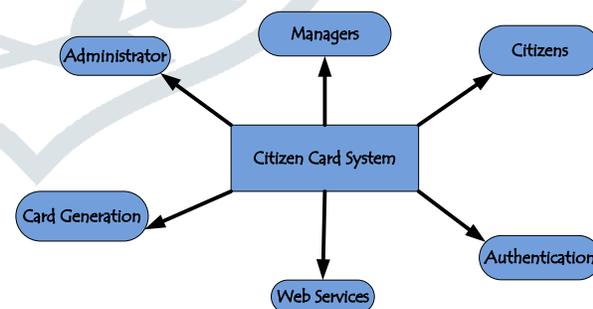
CONTEXT DIAGRAM:

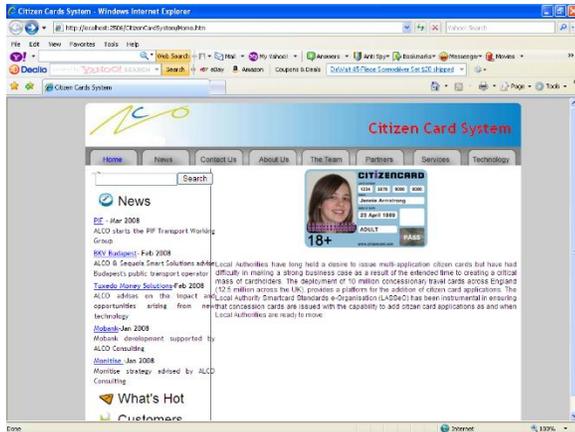Fig 3.2 Context Diagram

4. OUTPUT SCREEN SHOTS
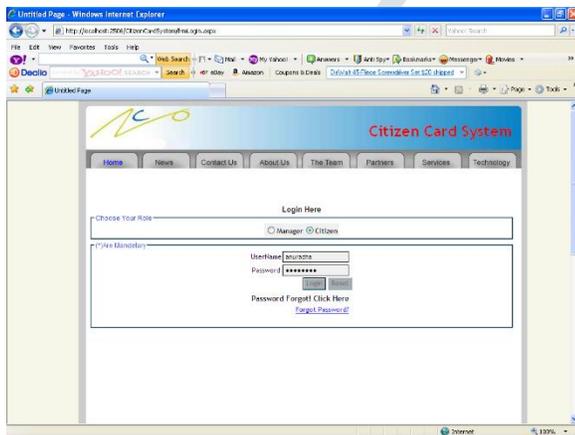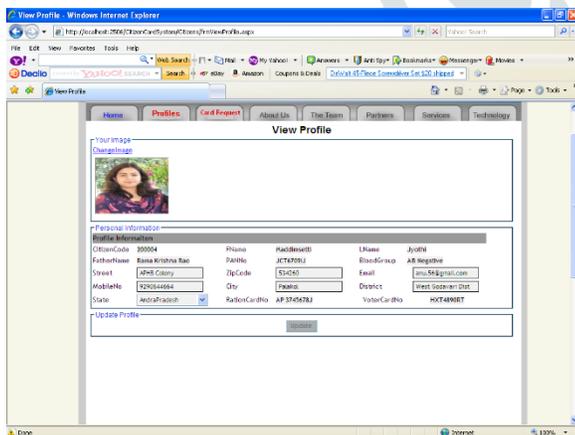

Fig 4.1:Home Page

Fig 4.2: Login Page

Fig 4.3: View Profile Page

5. CONCLUSION AND FUTURE ENHANCEMENT

It has been a great pleasure for me to work on this exciting and challenging project. This project proved good for me as it provided practical knowledge of not only programming in ASP.NET and C#.Net web based application and no some extent Windows Application and SQL Server, but also about all handling procedure related with "**Citizen Card System**". It also provides knowledge about the latest technology used in developing web enabled application and client server technology that will be great demand in future. This will provide better opportunities and guidance in future in developing projects independently.

FUTURE IMPROVEMENT

- It can be implemented to upload files with an huge amount of size with the support of various file formats.

- This System being web-based and an undertaking of Cyber Security Division, needs to be thoroughly tested to find out any security gaps.
- A console for the data centre may be made available to allow the personnel to monitor on the sites which were cleared for hosting during a particular period.
- Moreover, it is just a beginning; further the system may be utilized in various other types of auditing operation viz. Network auditing or similar process/workflow based applications...

6. REFERENCES

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