



# CIVIL REGISTRY

Ami Parekh<sup>1</sup> Mayuri Sahu<sup>2</sup>

Department of Computer Science, Acharya Vinoba Bhave Institute of Technology, Pavnar.

## Abstract

*Now a day, if we want to generate any specific government certificate the process for generating certificates is very lengthy and stressful for general public. That's why we want to make an application which will use for generating the different civil certificates and reduced the efforts of public as well the worker of the government office. Civil Registry is the online system or website to help for Indian citizens to apply for their government certificates like passport, caste certificate, voter ID card, PAN card etc without paying extra effort.*

**Keyword:-Civil Registry, government document ,government certificate.**

## I. INTRODUCTION

Civil Registry is the online system or web-site to help Indian citizens to apply for their government certificate like passport, caste certificate, voter ID card, PAN card etc. The primary objective of this website is to give awareness about the government or legal documents and its registration details as well as to help people to register or apply for those documents. The Civil Registry website also acts as a consultancy agency to assist the public. The main purpose of the web site is to reduce the effort of the candidate and save his time and avoid unwanted rushes at the government offices and assure a smooth working schedule at government offices.

As the objective of this application is to give awareness about the government or legal documents and its registration details as well as to help to register or apply for those documents. Apart from this civil registry is also useful in order to minimize the unwanted rushes at the government offices. The main purpose of the web site is to reduce the effort of the candidate and save his/her time and avoid unwanted rushes at the government offices and assure a smooth working schedule at government offices.

Civil Registry will be act as a third party service which provide smooth bridge between government offices and end users. In Civil Registry website when any user need to issue particular government certificate then that person have to register himself/herself first. Once person is login successfully then that person will be able to select particular government certificate whichever he/she desire. As soon as person select particular government certificate the list of required documents appear at one side and person can upload that required document from other side .When user submit all document and click on submit button then one notification will be send from server to the end user. This notification specifies user's current request status. If all required document are correctly submitted by user then server sends notification to user to specify that user has request has been accepted as within 15days that person will receive his/her desired government certificate. If user might submit any invalid or wrong document then his request will be rejected. And in third case i.e. if user forget to upload any specific document then notification from server to user species that he/she doesn't attach all document. So user can add that document and resubmit his/her application.

In broad sense Civil Registry is the alternative method for applying and issuing specific government document online. The Civil Registry is online process and it is eco-friendly also.

The idea of Civil Registry comes from the existing system of Civil Registration. The existing Civil registration system is the system by which a government records the vital events of its citizens and residents. The resulting repository or we can say its database is called civil register or registry, or population registry. The primary purpose of existing civil registration system is to create legal documents that are used to establish and protect the civil rights of individuals. A secondary purpose of existing system is to create a data source for the compilation of vital statistics. In most countries, there is a legal requirement to notify the relevant authority of any life event which affects the civil register. The first Civil Registration system was in nation to establish a nationwide register over its population was Sweden in 1631. This registry was organized by the Church of Sweden but on the demand of The Crown.

The United Nations defines civil registration as "the continuous, permanent, compulsory and universal recording of the occurrence and characteristics of vital events pertaining to the population as provided through decree or regulation in accordance with legal requirements of their country. The existing Civil registration is carried out primarily for the purpose of establishing the legal documents provided by the law. These all records are also a main source of vital statistics. In existing Civil Registration system complete coverage, accuracy and timeliness of civil registration are essential for quality vital statistics. In the World there are many countries in which Civil Registry system exists for the issuing birth , death and marriage certificate. The countries of the world where Civil Registry System exists for issuing birth, death and marriage certificate are Australia , Iceland , Netherlands , Mexico, Romania, South Africa, Sweden, United Kingdom, England and Wales,Scotland,United States.

## II. LITERATURE SURVEY

Civil registration is the system or website by which a government records the vital events of their citizens and residents. The resulting repository or their database is called civil register or registry, or population registry. In the World there are many countries in which Civil Registry system exists for the issuing birth , death and marriage certificate. The countries of the world where Civil Registry System exists for issuing birth, death and marriage certificate are Australia , Iceland , Netherlands , Mexico, Romania, South Africa, Sweden, United Kingdom, England and Wales,Scotland,United States.



2.1 DATA WAREHOUSE

In this definition of data warehouse focuses on data storage. The main source of the data warehouse is cleaned, transformed, cataloged and made available for use by managers not only this but also other business professionals for data mining, online analytical processing, market research and decision support. Perhaps, the means to retrieve and analyze data, to extract, transform and load data, and to manage the data dictionary are also considered essential components of a data warehouse. Many references to data warehouse system use this broader context. Thus, an expanded definition for data warehouse system will includes business intelligence tools, tools to extract, transform and load data into the repository, and tools to manage and retrieve metadata.

2.2 Data Mining

Data mining, is the extraction of hidden predictive information from large databases, also a powerful new technology with great potential to help companies focus on the most important information in their data warehouse systems. Data mining tools predict future trends and behaviors apart from this it also use for allowing businesses to make proactive, knowledge-driven decisions. An automated, prospective analyses offered by data mining system will move beyond the analyses of past events provided by retrospective tools typical of decision support systems. The Data mining tools are capable of answering business questions that traditionally were too time consuming to resolve. This is because they scour databases for hidden patterns, finding predictive information that experts may miss because it lies outside their expectations.

2.3 Certificates

Now a day, if we want to generate a certificate the process for generating certificates is very lengthy and stressful for normal people. That’s why we want to make an application which will use for generating the different civil certificates and reduced the effort of people as well the worker of the government offices. Few certificates are listed below :

- Pan card
- Passport
- Income certificates
- Voting card
- Nationality
- Employment certificate
- Caste certificate
- 

III. SYSTEM ARCHITECTURE

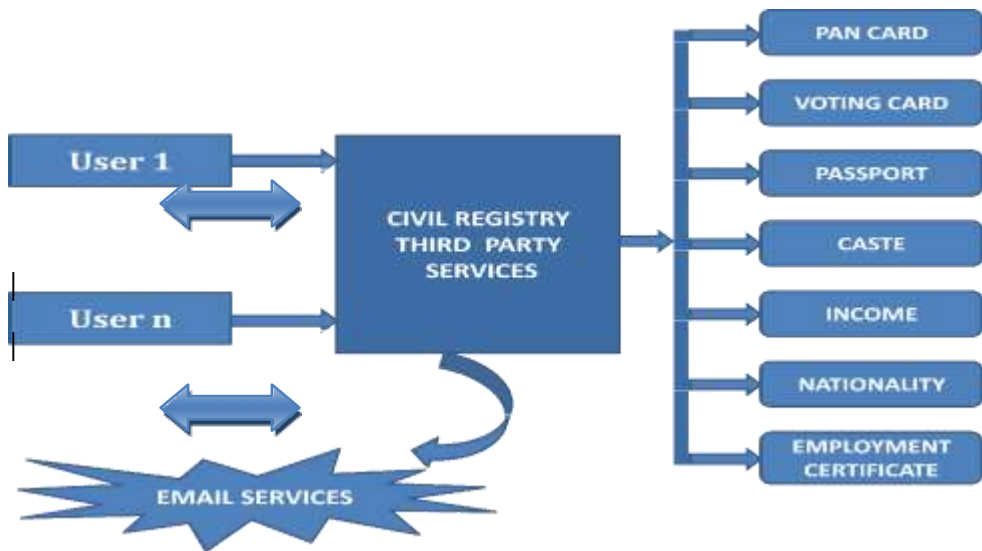


Fig1 :Architecture of Civil Registry System

The above figure shows the architecture of civil registry system. In above figure user1 to user n are general people. Any user can apply for specific government document like passport, caste certificate, nationality certificate, etc. This figure shows how this civil registry works. User can apply for specific government certificate through civil registry(which is a government website). The email services shows the notification of user's application status send from server(i.e. government) to that particular user. If user select any particular government certificate and upload all required documents then his/her application will be approved and that person will receive their desired government certificate through parcel within 15 days.

The working of Civil Registry is as when any new user need to issue specific government certificate he/she have to register them self with this web site. For registration to this web site person needs to fill their personal details along with their one photo. Once registration is successful one link will be send to user's mail id which specifies user registration is successful. Once user successfully login to Civil Registry website by using his/her mail id and password that person can login to Civil Registry website at any time and able to select specific government certificate from the list present in website. Whenever person select specific government certificate the list of required documents appear at one side and person can upload that all documents(i.e. required certificates) from other



side. After uploading documents person need to click on submit button. If person upload all required document for particular government certificate then his application will be approved and one link send to user mail to specify user's current application status. If any user forget to upload specific document and click on submit button then also one notification send to user mail to specify specific documents are missing and you have to upload that. If any user upload invalid document then his/her application will be rejected.

As Civil Registry is the online system for issuing specific government certificate the privacy is most important here. For providing security to user data once the person type his/her password it will be encrypted using MD5 encryption. Apart from this once person upload their document that all documents cannot be downloaded by user. As well as all these documents will be saved in binary form so that if any hacker hack the site user's data will not be useful or understandable for them. There might be possibility that user can forget their password in such cases the website also provide feature to generate the password. The Civil Registry system can be used by any user who have little bit knowledge about computer and internet. By using this website user can save his/her time and as process is so easy so there is no problem for user.

**IV. ADVANTAGES**

- 1) **Reduces human time:**  
The Civil Registry is an online system for issuing specific government document it reduces human time. In Existing system person have to go to government office personally wait in a queue for their turn but this all case will not be here.
- 2) **Reduces paper work:**  
The Civil Registry is an online system for issuing specific government document. As this system is an online system so paper work will not be required here as required in existing system.
- 3) **Easy to understand:**  
The Civil Registry is an online system for issuing specific government document. This website is very easy to understand by any users as its design and working is simple as well as one pdf file is present here which specify how to use this website.
- 4) **Chances of mistakes is minimum:**  
The Civil Registry is an online system for issuing specific government document. As person will fill the form online so chances of spelling mistake and incorrect information will be least.
- 5) **Rush on government office reduces:**  
The Civil Registry is an online system for issuing specific government document. As this website runs online applicant who require specific government document can fill their form from any internet center so unwanted rush on government office will be reduced.

**V. DISADVANTAGES**

- 1) **Initial cost for marketing of Civil Registry will be high:**  
The Civil Registry is an online system for issuing specific government document. But as this kind of web site is not exist in India till now so spreading awareness of this web site to each and every Indian citizen is costly. Means marketing of Civil Registry is costly.
- 2) **Illiterate cannot use it without someone's help:**  
The Civil Registry is an online system for issuing specific government document. If a person is not educated then that person cannot fill this form by his/her self. Illiterate person have to take help of other to fill this form online else they should go through offline process(means existing system).

**VI. SNAPSHOT**



Fig 2: Snapshot of Home Page



Fig 3: Snapshot of New User Registration

VII. CONCLUSION:

In Civil Registry, user can use the Civil Registry's website services to apply for specific government certificate like pan card, voting card, employment card, nationality etc. In Civil Registry website forms have been created which are capable of storing information in database. The Civil Registry website will be eco-friendly ,time reducing and easy to understand. Also as Civil Registry is online method for issuing specific government document it can reduce unwanted rushes on government office.

REFERENCES

1. "Individual voter ID plan brought forward to 2014". *BBC News*. 15 September 2010.
2. "Passport Message" in the United States passport article.
3. United Nations Handbook on Training in Civil Registration and Vital Statistics Systems
4. [http://en.wikipedia.org/wiki/Civil\\_registry](http://en.wikipedia.org/wiki/Civil_registry)
5. <http://www.dialogueuroafricanmd.net/web/index.Sphp/support-projects-activities/meeting-of-experts-on-civil-registry-improving-civil-status-registration-systems>
6. [unstats.un.org/unsd/publication/SeriesF/SeriesF\\_70E.pdf](http://unstats.un.org/unsd/publication/SeriesF/SeriesF_70E.pdf)
7. [www.gov.im/registries/general/civilregistry](http://www.gov.im/registries/general/civilregistry)