



Online Birth Certificates System

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ABSTRACT

The proposed web-based birth certificate system results in having easily and globally accessible system, speeding up the process of issuing birth certificates. This system will help in eliminating having paper based certificate, it reduces stress of communicating with government officials and ultimately saves cost. resources to meet the needs of citizens. use Before a birth certificate can be issued by NPC, the birth must have been registered. It help us to make sure that adequate resources and budgets are made available to meet the needs of the population at large. The implementation of the proposed system is achieved using PHP for programming the interface and HTML, JavaScript, for the User Interface and MySQL for the database

Keywords: : Birth Registration, Issuing birth certificates, Issuance system, Birth Rate Monitoring.

1. Introduction

The birth registration is the official recording of a child's birth by the State, but in manually many reasons the loss of certificate are some of the possible problems of the manual process of obtaining birth certificate. As a result, it is very difficult for the parents to collect birth certificates while they are enrolling their kids in the school. This project will ensure the establishment of a birth registration system in the underprivileged population of Contry. Also, in manual way it's a long-term process and not secured.

Then we have to decided the make a child birth registration system where we can be registered and the parents have to confirm their NID so that the process remains secure and valid. This system will be accessible in rural areas and parents will be able to register their child by staying at home with valid information. It will create a proper national database also the system would be accessible from all remote areas of the country. In our Using system parents can register child birth without any free of any cost. Don't need to go anywhere. The performance of the Online National Database (OND) for Birth Registration was evaluate in terms of accessibility, time , cost and capacity and our system globally accessible system, speed up birth registration process, reduce cost of registering a child and capable of registration details for future use.

Birth registration became an issue of utmost importance as a result of difficulties encountered while obtaining accurate population statistics essential in social services planning for any government. The birth registration is the official records of a child's birth by the State. The permanent and official records of a child's existence. The birth registration is part of an effective civil registration system that acknowledges the person's existence before the law , establishes family ties and tracks the major events of an individual's life, from live birth to marriage and death (Cody, 2009).The benefits that accrue from using the computer system, it can be applied to solve numerous problems. Birth rate monitoring cannot be manually achieved. It is an automatic software system is need to enable instant monitoring of birth rate.

2. Literature Survey

In last time Many number of studies have been published on the importance of birth registration. If a birth unregistered then it will bring barrier to multiple essential services. It wouldn't be possible to receive the adequate resource to maintain successful civil services if birth registration is recognized as basic human right [1].

The most of the developing countries citizens are unaware about the advantages of birth registration. In 2014, Claudia Cappa, Kendra Gregson, Tessa Wardlaw, Susan Bissell published a paper where they mentioned about a child's right and protection[2]

If a birth goes not registered then it will bring barrier to multiple essential services. It wouldn't be possible to receive the adequate resource to maintain successful civil services if birth registration is recognized as basic human right [3].

If a state doesn't consider this formal recognition, a child might be unable to get birth certificate which would lead to difficulties obtaining educational and health care services.

3. METHODOLOGY

Over times the software have been developed using different software development methodologies, approaches, models, and techniques. In this research, system is developed on three tier architecture

- (i) The back end which is piloted by the MySQL Database Management System, this stores all information of the website which is not visible to the end user.
- (ii) The Middle end which is characterized by web server that is; Apache Web Server, MySQL DBMS, PHP (WAMP) server and;
- (iii) The front end which is implemented by HTML (Hyper Text Markup Language), CSS (Cascading Style Sheet), JQuery and Java Scripts.

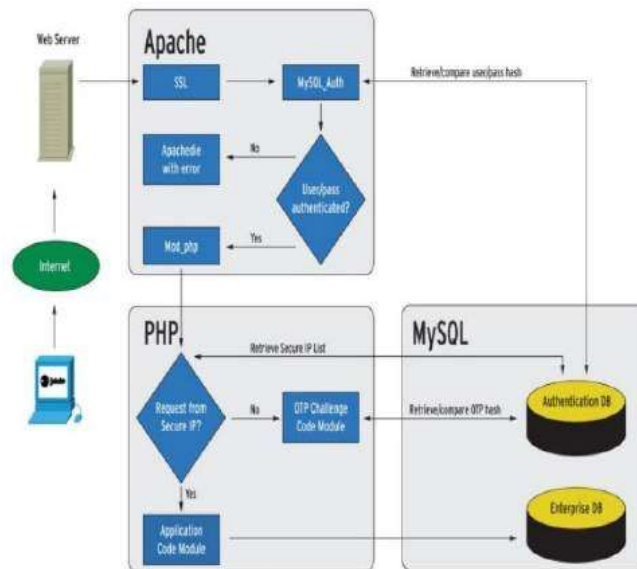


Figure 1: Three tier architecture

The expected users of the system will be able to interact with the system via the front-end, any request which had being pre-coded are triggered by the users on the click of appropriate buttons. Request include the registration of applicant to request for birth certificate, then requests are processed by the PHP scripts at the middle end. The processing involves validation of inputs by the user, verification of data supply, and cryptanalysis and manipulation of scripts before they are sent to the back end or displayed on web browser in a user readable or viewable manner. The backend provide support for the storage, retrieval and security of data system

3.1 System's Conceptual Model

In the proposed system show that the environment includes several other automated systems in contextual model.

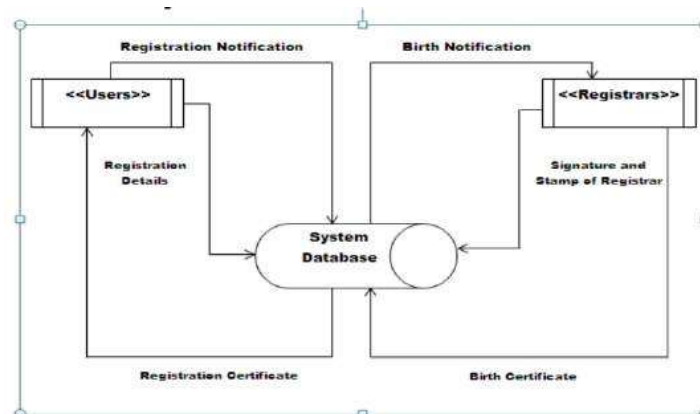


Figure 2: conceptual model of the proposed system

4. Proposed System

In our proposed system, is to proffer solutions to current backdrops experienced in the registration of birth registration system. To resolved the issues and difficulties faced by citizens for the birth registration and again dealing with the government people to and for the certificate. So that citizen can easily get the certificate without wasting more time of self and of the government.

Therefore fostering a more effective and they can easily with the online system and efficient data collection, storage becomes easy and managing the paper based certificate becomes difficulties can also lost it, processing becomes easy and retrieval method in that case any requirement of the certificate we can get online. This project would also provide a means for national planning by monitoring the birth rate increase or decrease and also on basis of that we can plan for the young citizens. Population Forecasting cannot be done using the reports option and pulling out the reports from system and can design the charts to get the quick information.

5. Result

In this section we have to seen about results regarding to online birth registration and certification system. First user entering this website and filling the application form and submit to the system. After submit this application form user get checking information for admin. And admin verified all the information for the user is correct or not. Then his admin process next step. All information is correct then it is verified and it create birth registration certificate and send to the user with the help of E-mail.

The screenshot shows a web browser window with the URL 'localhost:Online-Birth-Certificate-System/index.html?birthsystem.php'. The page title is 'Application Form'. The user profile on the left shows 'Shubham Lande' with ID '9763889778'. The form fields are as follows:

Date of Birth	07/09/2003
Gender	<input type="radio"/> Female <input checked="" type="radio"/> Male
Full Name	Lande Shubham Sujan
Place of Birth	Hinggaon
Full Name of Father	Lande Sujan Vidhu
Permanent Address	Mengale
Postal Address	Mengale

Fig 5.1: User Details

The screenshot shows a web browser window with the URL 'localhost:Online-Birth-Certificate-System/index.html?verifiedbirthapplication.php'. The page title is 'View Detail of Verified Application'. The user profile on the left shows 'Shubham Lande' with email 'lande.shubham4@gmail.com'. The table below lists verified applications:

S.No	Application Number	Name	Mobile Number	Father's Name	Status	Action
1	892225186	Shikhar	9798878787	Mr. Tushar Singh	Verified	
2	555131983	Tamun	5462540345	R.R.Solga	Verified	
3	868848319	Abc	9632123108	R.Y.	Verified	
4	713049137	Lande Shubham Sujan	9878098205	Lande Sujan Vidhu	Verified	
5	201058358	Hande Sujan Rani	8432397940	Hande Ram Shyam	Verified	
6	277058341	Lande Dipal Sujan	8432397940	Lande Sujan Vidhu	Verified	

Showing 1 to 6 of 6 rows

Fig 5.2: Details of Birth Application

User Details			
Application Number: 924328903			
First Name	shubham	Last Name	londe
Mobile Number	9433007910	Address	admin
Application Details			
Full Name	Sonawale-Denali Ganesh	Gender	Male
Date of Birth	2004-09-29	Place of Birth	Alakhnadijalil
Name of Father	Sonawale Ganesh Gangadhar	Permanent Address	At. Karbur ghatkar
Postal Address	At. Karbur ghatkar	Mobile Number	9433007910
Email	shubhamsonawale1400@gmail.com	Date of apply	2022-11-09 15:40:58
Order Final Status	Pending	Admin Remark	Your application has still pending

Fig 5.3 Approved Birth Certificate Details

6. Conclusion

Birth registration and subsequently issue of a certificate do not only promote human rights to citizenship but it also facilitates human rights to good health, education, social security, and overall human development. The time registration of children should be pursued as the right issue. The information from this systems summary demonstrates both similarities and differences in birth registration systems across different country contexts. The birth registration rates are a legal requirement in all countries; also, the rates of registration vary vastly in both within and across different country contexts and the process of registration is different. In this work found that high levels of birth registration were related to a high level of awareness among the population regarding birth registration. However, findings of this work seem to suggest that is more of a privilege for children whose parents are educated, healthy and live in rural areas.

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