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Web Base Online Birth Registration and Certification System

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A B S T R A C T

Birth registration provides a person with a name and identity and usually gives access to a wide range of information basic rights and services through the acquisition of a driver's license, passport and voter's card. Absence birth registration can lead to the withdrawal of these rights and services, which contributes to the emergence of different forms of poverty and underdevelopment. Manual birth registration is complicated and impractical for large children increase in the population of newly born children. The proposed electronic registration and certificate issuing system

provides an easy way to register and obtain a birth certificate anywhere, anytime. Through this the proposed system, anyone can apply for a birth certificate, can view the status of the online application and can even verify it or download their birth certificates. The system implementation is achieved using MySQL as the backend database, and object-oriented PHP as an application programming interface. Processing of the E-birth certificate the issuing system was evaluated in terms of availability, speed, cost and capacity; and the result confirmed that the proposed system will help government officials in terms of speeding up the process of registering the birth of children, reducing the cost of registering a child and the ability to store registration information for future reference.

Keywords: Birth Registration, Birth Certificate, Birth Rate Monitoring

1. INTRODUCTION

Birth registration is a critical first step to security the rights of the child. Registration means proof – no only of identity, but of existence. The birth certificate is confirmation of the child's nationality, place of birth, parentage and age. In many countries it is seen as the key document of identity, overriding any other – birth the certificate is often needed to apply for a passport, driver's license or identity card as a child becomes an adult. Registration entitles the child to their rights and transfers responsibility for this child, throughout his life, on the state in which they are born [1].

The birth certificate establishes the right of a person identity and functions as an official proof of age [2]. According to [3], children without a birth certificate cannot necessarily be considered a legal minor certain activities, such as marriage, work, or prosecution. Access to health care, social security or education can be denied even without a birth certificate in several developing countries. Addition, registration of births and other vital events generates accurate population data and is therefore also considered important from the point of view of planning, in especially in relation to health care.

2.LITERATURE SURVEY

Proof of age is crucial for a successful prosecution perpetrators of crimes against children such as children human trafficking, sex crimes, early recruitment to armed forces, child marriage and child labour. As an an adult without a birth certificate may not have one the right to marry, to vote, to be employed in forms industry (for example, working legally or paying taxes), get access to credits and loans from banks, get a passport travel outside the country of your birth or even to register the birth of their own children. [9] states that incorporating digital technologies into birth registration processes have significant potential for expanding the reach of registration and its benefits. This potential is beginning to be realized in a few country: mobile birth registration efforts phones were associated with increasing registration rates in Uganda [10] and web birth registration in Uruguay allows newborns to give birth certificates before they leave the hospital [11]. As countries are expanding their e-government capacities, It can support Digitized Birth Registration (DBR). governments in fulfilling their responsibility for the registering and providing important statistics.

3. OBJECTIVES

➢ It is used for easy registration on the birth certificate.

➢ The system minimized the paperwork for the birth application.

➢ Paper documents can be easily damaged and lost.

- ➢ Availability of real time data.

- ➢ Also solved the risk of tripping to the User and back just to apply for birth registration and get a certificate.

- ➢ The system also saves time than manual process.

- ➢ Digital documents are considered environmentally friendly.

- ➢ Paper documents are difficult to restore compared to digital ones.

- ➢ Can be easily verified without wasting much time going to birth certificate place.

- ➢ Facilitate easy presentation of birth monitoring reports

- ➢ The database can be used to store, process, search and certify records.

- ➢ A flexible system that can be modified based on changing requirements and develop a system that can be improved operational efficiency.

4. PROPOSED SYSTEM

A specification is a detailed documentation of system behavior and limitations. A model of the system's desired output they can be developed by creating a set of input processes/specifications and output specifications.

5. PURPOSE

In this proposed work, it is to offer a solution to the current experience with birth registration. To solve the problems and difficulties citizens face in registering their births and again dealing with government people here and there for the certificate. Thus, the citizen can easily get the certificate without wasting much time of himself and the government.

This promotes more effective and can be easily taken using the online system and effective data collection, storage becomes easy and management of paper certificate is difficult, it can also be lost, processing becomes easy and search method in case of any certificate requirement we can get it online. This project would also provide funds for national planning by monitoring the increase or decrease in the birth rate and we can also plan for the young based on this citizens. Population forecasting can be done using the report option and pulling reports from the system and can design charts to get quick insights.

6. METHODOLOGY

Over time software (both generic and customized) were developed using other software development methodologies, approaches, models and techniques. In this research, the system is developed on three-tier architecture.

(i) Backend which is piloted by MySQL.The Database Management System stores all of this information about the site that is not visible end user.

(ii) Middle end which is characterized by web server that is; Apache web server, MySQL DBMS, PHP (WAMP) server and;

(iii) Frontend which is implemented using HTML (HyperText Markup Language), CSS (Cascading Style Sheet), JQuery and Java Scripts.
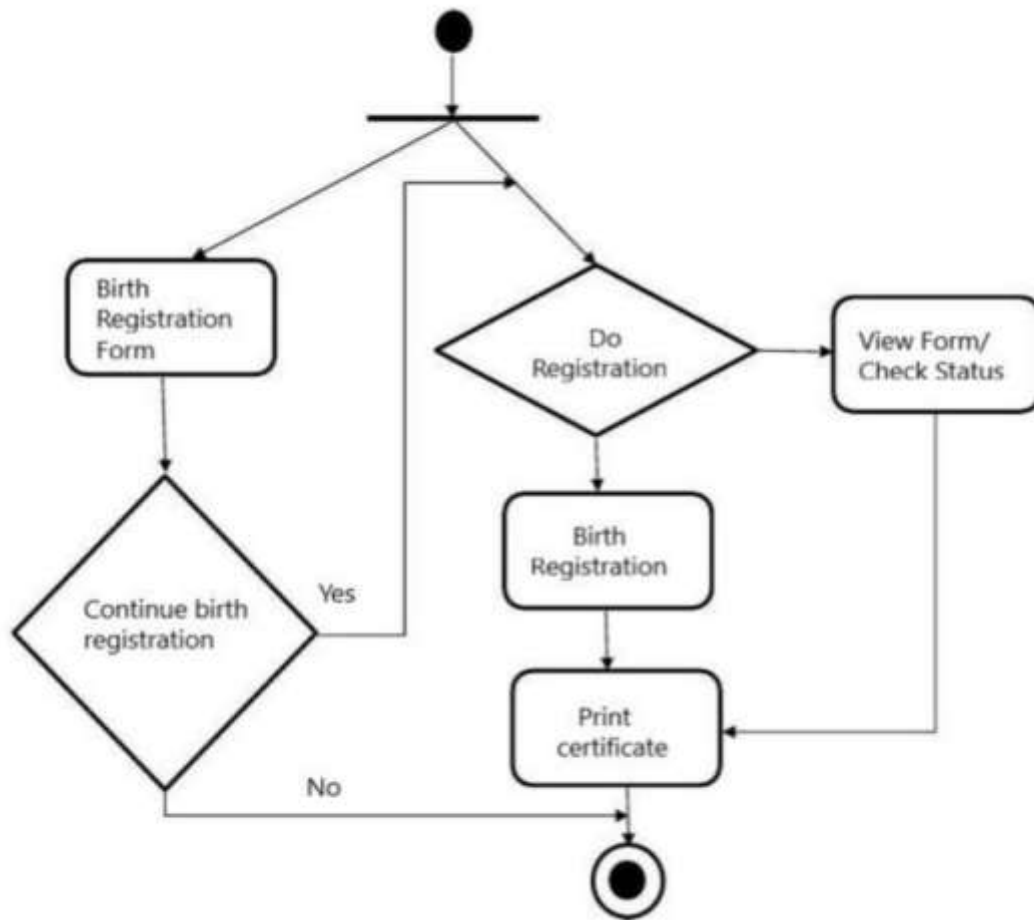
Fig,1 A UML Diagram for an Online Database for Birth Registration and Certificate system

7. RESULT AND DISCUSSION

This determines the results that the system generates. The design of the output includes the specification of the method of production screen messages and paper messages will appear. The following is the main output screen used for the online database for birth registration.

Birth certificate: Generated automatically after filling in user data in the registration form and sent, they can be downloaded and printed.

8. CONCLUSION

Birth registration and the subsequent issuance of a certificate not only supports human rights to citizenship, it also supports facilitates human rights to good health, education, social security and overall human development. Therefore, on time registration of children should be addressed as a proper issue. Information from this systems summary demonstrates both similarities and differences in birth registration systems in the context of different countries. The birth registration rate is legal requirement in all countries; also, registration rates vary widely both within and between countries contexts and the registration process is different. This study found that high levels of birth registration were associated with a high level of awareness of the urban population about birth registration. However, the findings of this study appear to suggest that it is more of a privilege for children whose parents are educated, wealthy and live in urban areas.

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