

Office of Registrar General of India has been entrusted with the responsibility of co-ordination and unification of the activities of Chief Registrar in the matter of registration of birth and death under section 3 of the Registration of Births and Deaths Act, 1969. The Registrar General of India may issue general directions regarding registration of birth and death and submit an annual report on working of the Act to the Central Government. The Chief Registrar appointed by the State Government who co-ordinate, unify and supervise the work of registration in the State for securing an efficient system of registration and submit a report on working of this Act in the State along with statistical report to the State Government. This organization was given the responsibility to implement the Registration of Births and Deaths Act, 1969 in the country.

ORGI handles a large number of monthly and annual reports on registrations from different part of the country throughout the year. To facilitate the monitoring and the management activities pertaining to all these process effectively, it became necessary to have a consolidated and online computerized system.

So it was very necessary to have a single window application so that the format followed and registrations done would be in the same manner across the country.

The Challenge

In the existing scenario, the application is implemented differently in various states i.e. technologies are different in every implementation. Hence, existing implementation site details cannot be used in the development of the proposed application

The requirement of ORGI is to develop an online application that will have birth, death and still birth registration. This solution will be hosted state wise with the facility as an offline solution for the downtime if any. In addition, a data sync facility will be provided to keep the information up to date. A robust user management should be there for managing different user as per their roles, responsibilities and reporting structure.

- ✓ In the existing system, flow of data, Generation of monthly and annual MIS reports is a problem in all the states. In the poor performing states, annual statistical reports are generally prepared at a gap of 2/3 years. This not only delays national level compilation but also affects policy making of the Govt. Proper monitoring system is not in place, strong data base of the citizens at local level is not available. Cent percent registration which is the ultimate aim as stipulated in the national population policy, 2000 is not achieved
- ✓ Though the process of registration is uniform across the country, the implementation is different, like in some states the registration process is manual where as it is computerized in other states
- ✓ In the scenario (in Rural / Urban areas) where registration is manual, loss of information might occur.

In brief the system had limitation and timely information was not produced by registrars, which was the main objective.

The Solution

UBICS helped ORGI in architecting; developing a user friendly application. The web based application facilitated flow wizards at all levels like installation, license updation, patches etc. The application to generate certificates without jeopardizing data privacy or security.

The basic features of the solution provided are

- ✓ Implementing Online and Offline Birth, Death and Stillbirth registration to streamline the registration system nationwide and improve the data security.
- ✓ Birth, death will be registered on line by registrar or sub-registrar based on information given by an informant.
- ✓ Generation of monthly, annually and MIS reports countrywide , state wide and district wide .
- ✓ Certificate generation will be easy since searching the event information will not be complex.
- ✓ Synchronization between online and offline application data so even if the down time is recorded in the rural areas, the data entry and updating of data will not be affected.
- ✓ Content Management System is also provided for higher level authorities (National Admin, Chief Registrar, and District Registrar) to control the data across the system.
- ✓ Communication will happen electronically through emails, as in an automatic email will be generated to district, chief registrar when sub-registrar or registrar will send monthly reports. Contents of email will be finalized after discussions with client or RGI.

The Result

The online application is live .The outcome of the solution has greatly improved the process of timely data collection with no data inconsistency and thereby improving the productivity of respective hierarchies in generating reports and statistics.

The other major benefits are,

- ✓ Robust and secure application for data & assets.
- ✓ Offline System can be installed and used where there is lack of internet.
- ✓ All relevant certificates are being generated and issued.
- ✓ MIS reports for state & national wide.