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## SUSTAINABLE DEVELOPMENT OF GRAMPANCHAYAT THROUGH E-GOVERNANCE

A. N. SANGOLE<sup>1</sup>, S. A. BHURA<sup>2</sup>

1. M.E, Department of C.S.E, B.N. College of Engineering, Pusad
2. Assistant, Prof. Department of C.S.E, B. N. College of Engineering, Pusad

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**Abstract:** E-Governance is system which not only helps Government servants by reducing their unnecessary workload but also helps to the other people those who seeking the services of government. Here Grampanchayat work on the one website which allows Gramsevak work more efficiently. Villager can get transparent and accountable administration. Loss of government resources and the effort of the villager reduce. Villager and Grampanchayat official's dependency on the nearby city or town reduce. Indirectly it helps to sustainable development of the village.

**Keywords:** E-Governance, Government-citizen relationships, E-Government.



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**Corresponding Author: MR. A. N. SANGOLE**

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## INTRODUCTION

In recent year Government has taken many step to improve its online services, like online payment, collection of bills, providing information to its branches through internet and getting their response, online various exam form related to government job, but still we are lagging in rural sector whereas in rural area roads, electricity and water reached out. When we talk about technology used in rural area like computer based services many villages are totally depend on small city nearby that village, not only people of that village depend on that small city but also government officers also depend, To minimize dependency on Small city as well as minimizing time taken by government services to complete its work, software which will help GramPanchayat to do following work: Gram panchayat administration, Tax collection, Birth registration, Death registration, Property assessment, Account of Gram panchayat, Issuing various certificate. The Governments all over the world are interested in enhancing the quality and quantity of services provided by their administration, most of the government want their administration should reached out at the each person of every village. The state Governments have created several Gram panchayat institutions to ensure grass root level development, but most of the panchayat are lagging in development because of less use of technology throughout the administrative process. Here we are trying to find out solution for the feasible administrative processes and avoid delays and through conserve resources in the country. We also are trying how to implement the solution in a cost effective manner which not only empowered with efficient administration but also responsive local administration at every village.

### I. E-GOVERNANCE LITERATURE:

Different projects are introduce by the Government with the help of the private companies, projects like e-gram, communication information center (ICT), SAP-LAP analysis for the development of the e-government system [1].The information and communication technology implemented in rural area and state of Gujarat has introduced the few facility for their citizen like cast certificate, creamy layer certificate under this program [2]. Document unavailability in Grampanchayat, filling form online may solve the problem by making form more detail, so that there will be no need to check the previous records [3][4]. Chinese government face problem to implement e-governance and online facilities provide by Chinese government [5].Efficient Public Service Delivery, Monitoring Development, Programs Financial Management these point discussed which are able to make Grampanchayat better [6].E-GramViswa Gram Project and many more different project can be implemented through the e-panchayat for ex. Health, farming, Bhoomi, Gyandoot[7]. This information shows that the how the architecture of e-

governance should provide authentication to user, security and how efficiently, it should respond throughout network. Different architecture like SOA (Service oriented architecture) are useful for the e-governance, it also shows the architecture for the security as well as authentication of user [8].SOA (Service oriented Architecture) it discuss that the internet, local area network, wide area network and mobiles are useful to communicate with the businessman as well as the citizen with the government by using e-governance. It also discusses the technical; business problem which occurs with the implementation of the e-governance [9].E-Government is about people: new skill sets, mindsets and leadership approaches. It will transform how public servants work, relate to each other, do business, and engage citizens and others. E-government is a process that requires a sustained commitment of political will, resources and engagement among the government, private and public sectors. However, if e-government practitioners ask and answer the following ten questions outlined in the Roadmap, they potentially can develop a system of e-government that not only makes current government practices more efficient, but also transforms the very relationship between the public, the private sector and government [10].What is e-Gov? What is e-Gov research? What does it mean for the field of Information Systems? The briefly sketches the short e-Gov history and current status, and discusses the content of the field as it appears in current research. It discussed about the history as well as the survey, content of e-Government [11]. E-Government should have some standard; OASIS (Organization for the Advancement of Structured Information Standards) produces global standards that have both the traction of widespread marketplace adoption and the sanction of a trusted, open process. OASIS is a not-for-profit, international consortium that drives the development, convergence, and adoption of e-business standards. The standards of the e-Government [12].Changes in the structure and functions of public service thus usher transformation engaging effectively the government, businesses and citizens all stakeholders. It not only ensures efficiency in public service delivery but also offers unlimited potentials to combat corruptions and many bureau pathological malpractices in the public administration system. The article briefly offers a theoretical discussion of e-governance with its emergence, types of service delivery, transformation stages and other issues [13]. The report presents the National E-Governance Plan in India. It discusses the vision, components, implementation strategies and governance structure of the plan. The report starts by presenting some basic facts about India, covering the political, geographical, social, economic and regulatory aspects. Subsequently, the report highlights the status of the IT sector in India. Finally, challenges faced in the implementation of the plan are discussed [14].Various states governments have also taken various innovative steps to promote e-governance and drawn up a roadmap for IT implementation. Various projects are being implemented for improving the service delivery to the citizens through e-governance. The

project list of the different state has given with the explanation [15]. Through pacific island how e-Governance will play key role to develop sustainable e-Governance, which is not only helpful to collect the information about the different region as well as the government scheme can be or the government can effectively work on the basis of collected data, mainly focus on the infrastructure, integration, transformation, which should be consider while developing the e-Governance system[16]. Information plays a vital role in lives of individuals/groups for development and growth. Just availability of information does not serve the purpose, but accurate and timely availability of information does. The ICT (information and communication technology) which not only help to get proper information but it will also provide information on time [17].

## II. PROBLEMS OCCURRED IN THE SURVEY:

Grampanchayats offices are still using paper for official use , work done on computer is very less, Gampanchayat are now are connected through the internet connection, application base software or website are provided by the government, the process of implementing the e-governance system is in its initial stage. PriyaSoft, Mahaonline, Sangram different softwares are used for the Grampanchayat official use and for that user name and password are provided by the Government services, that means different website with different login name and password, which is quite complicated work. If Gramsevak want to update the information or issue certificate, He has to login in particular website with correct information and then update the information. This is not only time consuming but also increasing the complexity of the work. Different user name and password reduces the security of the official work.

## III. PROPOSED SYSTEM:

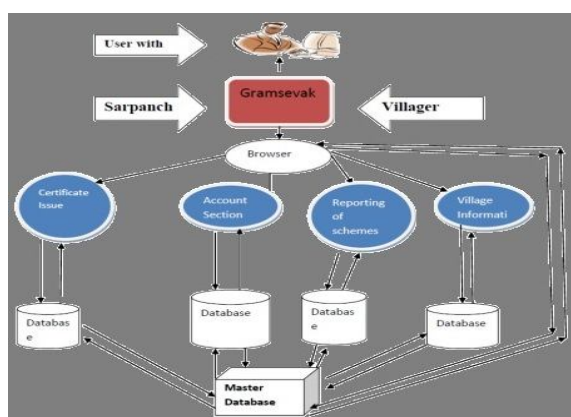


Fig: Architecture of Proposed System.

Architecture shown above proposed system in which one website will used for the work, which is currently done by the three or four website which not only provide more security but also complexity of work reduces. As account are created and information of document provided on the account of the villager brings transparency in the work of Grampanchayat.

1. Reducing use of paper in Grampanchayat.
2. Grampanchayat system will work under one web base application.
3. Villager and Gramsevak work under and get information on their account.
4. Villager will get the message from Gram panchayat about the scheme and related document, through the SMS or e-mail.
5. Gramsevak will get the information on application from database.

#### IV. FUTURE SCOPE:

This system has been designed keeping in mind the requirements of an administrator for Grampanchayat records and enables the administrator to make entries in the database about family, person, tax, certificates. This system also provides him the authority to manipulate the database. We can add much more feature in the system alert system, message from the Grampanchayat like time of Gramsabha, by taking some initial fees at the time of the registration, when villager required document or some other information we can deduct that from the initial fees, so it will save time, corruption.

#### V. CONCLUSION:

Technology plays vital role in the development of the rural area project like e-government system. It help to make administration more accountable as well as more transparent, above survey and proposed system will help Grampanchayat system to work efficiently.

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