E-Gram Panchayat Using Blockchain

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ABSTRACT: - E-governance plays an important role on all services done on government undertaking projects. It helps the citizens by avoiding corruption and also citizens can know about the status of their application on daily basis. This paper provides application model for reducing paper work in panchayats. The basic aim of our model used in governance can be used to provide yojanas and quick response for other documents in panchayats.. This encourages citizen's participation in decision making and making government more transparent and effective governance involves new way of communicating with citizens of the state.

Keywords: - e-governance, digitalization, panchayat, yojanas.

INTRODUCTION

E- grampanchyt develop for villagers, there are many people's are unknown about the facilities which is given by the government as well as this system guide for to buy the good quality seeds and fertilizers. If anybody wants to do the complaints like ugliness, toilets, garbage disposing then people can register the complaint by this system. If users want to register their complaints about funds, education etc then it is possible with the help this system.

Through this system villagers can get the information about village, grampanchayt, grampanchayt samiti, and also helpers who are working in that grampanchayt, and also which post recruited for them. Villagers are able to register themself throughout this system.[1] Through this system they can apply for the documents such birth certificate, ration card, aadhar card, non-cremy layer certificate, death certificate, voter ID etc. Through e-grampanchayt villagers can easily get information about pesticides, how to create fertilizer, which crops required less water, which are helpful for better financial. In our system we also add a chat forum through which if villagers have some problems they can easily get then solution.

LITERATURE SURVEY

The term Grampanchayt has been a most important topic developed by many people with different views and also government can taken various steps for villagers. The earliest village consist of Village level panchayat, Block level panchayat, District level panchayat. It provides an opportunity to all villagers to participate in village development process. In addition to achieving greater participation of villagers, it also provide some section to panchayat activites. A greater advantage coming "at it from a different angle than the others that it provides different facilities to villagers. Various projects are developed for improving service delivery to villagers[2]. The all existing system are at village level and also they are manual. Firstly peoples need to meet the sarpanch and then sarpanch fixes date and time of panchayt which is circulated among the villagers manually. In meeting discussion is take place but sometimes this discussion is turns into fight if point of view about some topic is not matched in between villagers. But still up to today's date most of the work is done on paper.[3] Most of the documents such as ration card, voting card, cast certificate etc are issued by sarpanch on the paper. Due to work done on paper it effect on the work of villagers which is ultimately cause a loss of villagers.[4] Most of the schemes are not get to the villagers due to bogus people. sometimes they can also do the misuse of scheme fund. Those villagers apply for schemes they give a documents and information required to apply for the schemes are lossed and then villagers will have to apply for the documents and related information again. Which is not only increases overhead and workload of sarpanch but also create a problem for villagers. It is necessary to solved these problems which is possible with e-grampanchayt. Villagers are mostly depends upon sarpanch and grampanchayt office for kindly development of village. Villagers can do the hardwork in another villagers farm, And most of the villagers can do the farming, government can provide the schemes through which villagers can get money and various

equipment for farming. To apply for the schemes they required various documents and information for that they depends upon grampanchayt office.
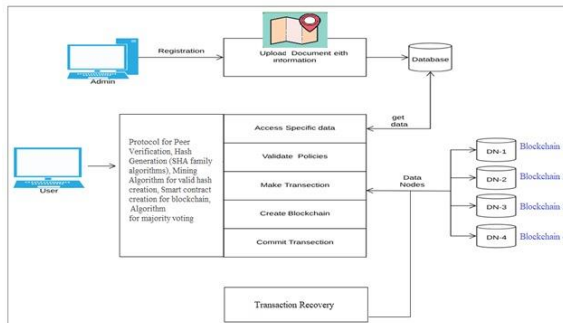
PROPOSED METHODOLGY

Fig:- System Architecture

This system has been designed keeping in mind the requirements of an administrator of Grampanchayat records and enables the administrator to make entries in the database about Villager, person detail, tax, other documents. This system also provides him the authority to manipulate his account. We can add much more feature in the system i.e. alert system, message from the Grampanchayat for Gramsabha, we can provide transaction system in which all the money related work handled. It will save time and will reduce corruption. By using this system data collected from different grampanchayat will be helpful for implementing different scheme will help in natural calamities and data can be useful in other field. Here an application design model is presented for Admin, Gramsevak and Villagers. All the services which are done manually are made online in the project. The people can get information about their panchayat, activities notifications and all other information related their villages. All the applications and certificates are applied and verified online. Government can announce schemes in the portal itself. The users on the people in the village can complain about their problem through online.

CONCLUSION

Basically e-Governance is the need of the hour so that basic facilities are provided to rural people at the cheapest rate. There are various projects which were already started by government of India like ICT, e-Governance, digital India. The success of these projects demonstrate that there are a number of ways in which e-governance is enhancing productivity in rural India – by enabling solution sharing between local people and communities, providing access to practical and vital information related to farming, markets etc. Panchayats should be provided with adequate technological resources in order to play a meaningful role for the developmental purpose. We provide a solution for an application model that can be included as a part of e-governance.

FUTURE SCOPE

The Application will provide easy communication between villagers and sarpanch. The villagers can track the government schemes for the betterment of villages are implemented or not. Easy platform for complaints registration will be available for the villagers. The details of land available in the village for sale will be easily view in the application. The details of panchayt meeting will be updated on by sarpanch so that everyone will be informed about it.

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