E-GRAMPANCHAYAT SYSTEM

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ABSTRACT: Today's World is technology world and now a days all people like younger, older and kids using mobile phone in ruler area or small village there are Gram panchayat for solving villager problem but it's very lengthy process because of Gram panchayat system are offline. If it making online process then it easy to people and it also save time of people.

If any villager wants any document like birth certificate, leaving certificate etc. they can easily apply on site and get this certificate without wasting time and money.

Its main benefit is those people need not take leave from work, and that day and that day did not loss that day payment and it's easy for end user to apply required document from website as well as android application because of this website and android application data maintain in mother tongue.

Its main moto is whose people did not visit for gram panchayat who easily solving a problem by online.

Keywords- *Gram panchayat, E-documentation, E-governance.*

1. INTRODUCTION

This is the security based android application in that end user are used this application for receiving documentation in that application people easily get any type of document and easily seen various type of schema and also get notification of online and offline meetings.

1.1 Introduction to the project

A E-gram panchayat system is the most useful system for villager people. This application saves lot of money and lot of time of people firstly end user login that application after that he/she apply for any documents and fired any type of complaint. Its complaints or document are not approved till admin was not approved.

Gram panchayat is basic village governing institute in Indian villages it is a democratic structure at the grass root level in India. It is the political institute acting as a cabinet of the village. The ward panch and the sarpanch. The gram panchayat is elected for 5 years.

The gram panchayat has a secretory who is the secretory of gram Sabha. All the member of Gramm Sabha elects a sarpanch who is the panchayat president. The ward Panch and sarpanch from the gram panchayat was elected for every five years.

1.2 Motivation

The motivation behind this project is to provide the ease to Village people in order to provide Documents from anywhere without wasting the time and cost. This application also helps to maintain records of peoples, admin can also find all the details of the people in our application. Motivation behind this project is to reduce corruption and provide corruption less services to peoples. And this project also helps to poor peoples, daily wages people for getting document without taking leave. This project provide transparency between people and working member in gram panchayat or government it also provides all the schemes which peoples directly see in that application or website and they can apply online. Therefore, this application helps people in many ways.

1.3 Problem Identification

There is no this type of system in India which provide this type of services. India is the developing country and are working / using these E-Gram Panchayat projects by which they are able to get their documents from anywhere and admin of that system provide all the thing by checking the request and provide document when user submit the money online, so this project help the people of our country and help them by decreasing the corruption. When all the system is getting online then automatically corruption is decreased.

1.4 Algorithms

1. Algorithms Available Gram panchayat-

• Digital Signature Algorithm.

• RSA algorithm.

• Asymmetric Key Algorithm.

• Advance Encryption standard Algorithm

• Symmetric key algorithms

2. Which algorithms are best and which one we selected and why?

There are lot of algorithms of document security and database:

• Digital Signature Algorithm

• RSA algorithm

• Symmetric key algorithms

• Symmetric key algorithms

1.5 MODULE DESCRIPTION

User login: For login to the system, user will enter the Username and password, if entered details are correct then the system will redirect him to home page otherwise it will show an error message.

Registration: The user will register to the system with normal information. At the time of registration, password will be auto generated and it will be provided to user's mail.

Admin Login: Admin can Login into the system to change or upadate body of grampanchayat, updates schemes and also decide the view of website.

Gramsevak Login: Gramsevak can login into the system to read the complaints, system to accept or reject the document request.

Gramvikas: Gramvikas can login into the system and check that all the complaints are examine by gramsevak or not.

2. OBJECTIVES

1. A Reducing use of paper in Gram panchayat.
2. Gram panchayat system will work under one web base application.
3. Villager and Gram Sevak 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. Gram Sevak will get the information on application from database your text into it.

3. LITERATURE REVIEW

3.1 Existing System

There was manually work done in existing system for that it takes so much time and working people can't be the afford this because this people one day payment are losses. That's why it's so many lengthy processes and take so much time for that. People do not know the current scheme of the village. Offline process of gram panchayat so in that people don't know about the any type of scheme and fund regarding to fulfilment of the requirement of village. People face many problems for applying any doc.

3.2 Disadvantages of Existing System

- In Most of the villages political parties interfere in the work of village Panchayats.
- People in the Village does not have clear Idea about Schemes that are come from Government.
- People who are long from the Village cannot get the document Directly they have to come to the office which their one-day payment loss.
- People in the village cannot attend the meetings of gram panchayat as they are working so this is their loss.

4. PROPOSED SYSTEM DESIGN

4.1 Analysis of problem

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.

But still most of the work in gram panchayat is done on paper; most of the documents issued by Gram Sevak are on the paper, delay in that process lead to loss of villager related to his work.

Schemes may avail by the bogus people; there is chance of misuse of the scheme fund. Documents and information related to the schemes related to villager may be loss, and then villager will have to again apply for the related document.

Which not only increases workload of the Gram Sevak, it also creates problem for the villager. This problem can be solved by using E-governance.

4.2 Problem Definition

Villager mainly depend on the gram panchayat office for the development of the village and his own, villager mainly do farming in villages, to support them government provide different schemes under that villager get money or equipment.

For that villager need necessary document, gram panchayat is the only place where villager get document. Gram panchayat office plays a key role in villagers' life, Gram Sevak is the only person who can give them information related to the schemes, documents.

In existing system most of the gram panchayat do the work on paper, if villager wants any document villager should reach gram panchayat and request for the document, which is time consuming.

If villager wants information related to any government schemes contact to gram Sevak which is time consuming and there is no assurance that information is correct. Villager doesn't know whether scheme money or any other gram panchayat related money transferred to his account or not.

4.3 Design

Firstly, User can login when he/she register on our web application. If user want any document, then he/she can login and choose from options which document they need. Then they select document type and fill all details in form and submit the form. After submitting form our app automatically send request to the admin then admin check all details of end user if any error then he did not approved request if all the information is correct admin approved their request and send document pdf to end user when user submit fees for E document .this process are fully secured. Information of end user is secured.
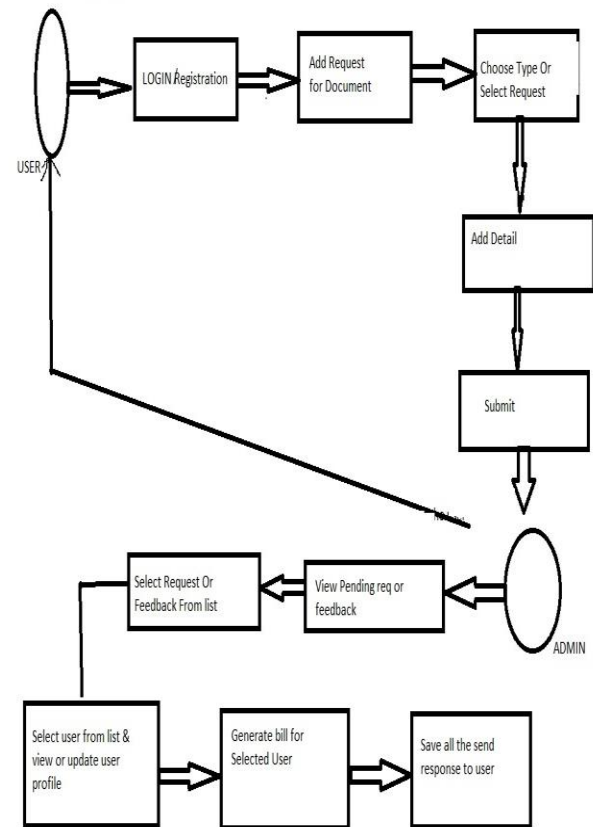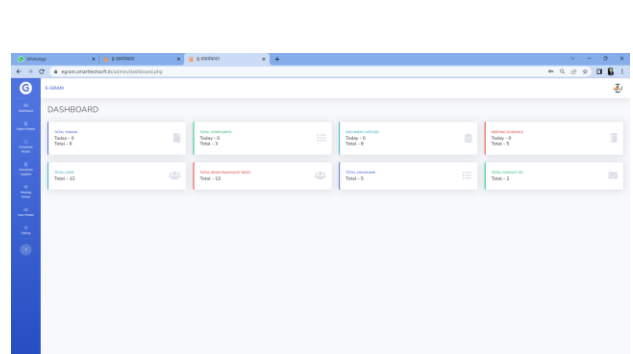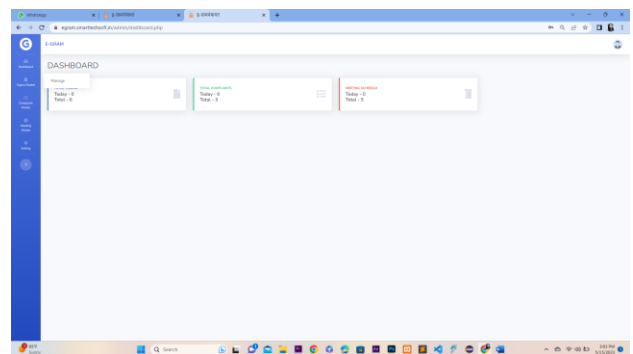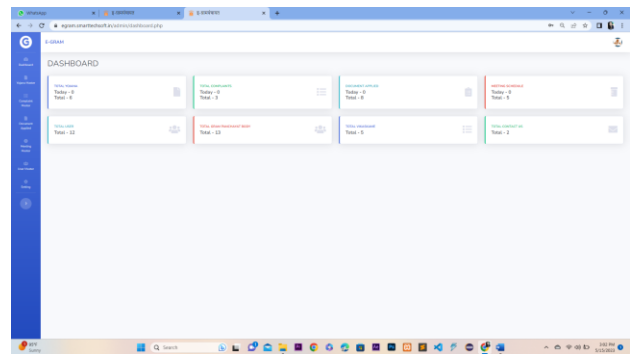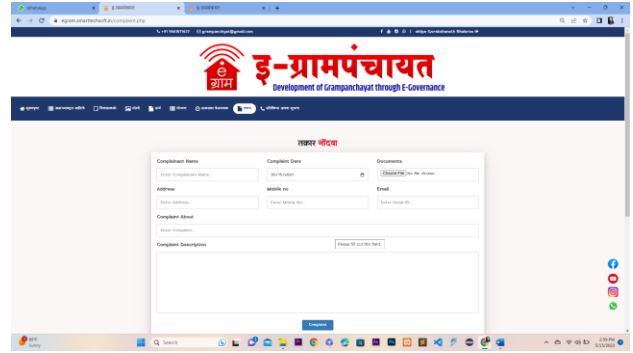

Fig: Architecture diagram.

5. Result

6. CONCLUSION AND FUTURE SCOPE

6.1 Conclusion

This web base application is helpful to villager of that village, it will bring transparency, accountability, efficiency in administration. Document and their related record will be available on this application. It helps to make administration more accountable as well as more transparent, above survey and proposed system will help Gram panchayat system to work efficiently. This system provides User ID and password for the gram-sevak. This will help to minimize corruption in the system, also save effort and time of common man and government officer.

6.2 Future Scope

This system has been designed keeping in mind the requirements of an administrator of Gram panchayat records and enables the administrator to make entries in the database about Villager, person detail, tax, certificates. 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 Gram panchayat for Gram Sabha, 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 gram panchayat will be helpful for implementing different scheme will help in natural calamities and data can be useful in another field.

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