

# Compact village Administrator for providing services to the villagers through cloud.

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## ABSTRACT:

In India most of the peoples live in rural areas due to lack of digitalization. They are facing many difficulties or difficulties challenges regarding government updates and information so we need to visit Grampanchayat, Dairy, Sangh , Anganwadi to get the information about the new updates information. To solve this problems we came of the idea where we can see all information in one portal and application from anywhere without visiting any places. Village Services helps villagers to get information easily provided by the government.

## I. INTRODUCTION:

Digitalization is an important steps towards digital transformation and government of India growth under leadership of Hon. Narendra Modi many schemes are launched like Pradhan mantri awas yojana, Pradhan mantri jandhan yojana, Pradhan mantri jivanjyoti bhima yojana, etc. but till today most of our population is staying in villages. Its need to make our village smart for effective implementation to all others schemes. These project aims to providing all updates regarding Gram-panchayat, Sangh, Dairy, Anganwadi in one portal. In this project there are four parts. In the Grampanachayat digitalized all the paper work and manual work was needed during getting the certificate. This initiative would help people to be more efficient and Grampanachayat would less work on their hands. Sangh As government project there is government ration shop in every village or common for 2-3 small villages at such shop where people come to collect there ration sometime at same time and it may be gate violence over there at shop by using this system provide superior timetable to all the

villages streetwise so people from one street will come and get their ration with the help of our provided timetable so here able to overcome crowd.

There is anganwadi in every village as here also anganwadi provides lots of services to new born babies and teenagers girls for health of them and also provide nutrition food. System give timetable or notify to all such volunteers come at anganwadi and collect the food provided by government .Villagers were not aware about the bill distribution date and time so we have implementing the dairy section. The villagers get the notification about the bill distribution timing and date which will helpful to collect the bill in time. In present all the services done offline or in paper for that villagers have to go for grampanchayat anganwadi sangh and dairy and they face difficulties. With the help of village services the villagers get any information online way also they can see all information in their mobile in an easy way. villagers can get easily information and they don't have to visit any grampanchyat sangh dairy anganwadi again and again .Villagers can access the system for any time and it is easy for them to use .

## II. LITERATURE SURVEY:

Review was taken from books, previous studies related to the village services. In this paper we study and development of village services by providing facilities such as health, water supply, sanitation, social development, economic development and security in an efficient manner. This paper focuses on improved village services like Grampanchayat, Sangh, Dairy, Anganwadi. Village services by taking decisions through

digital services.

Maruti Patil :

Explain concept of village services is the development of the village shall be based on the Grampanchayat Dairy Sangh Anganwadi. The motive behind the concept “village services is that becoming village digital with various advanced services like providing updates regarding schemes and other services of dairy , anganwadi etc

Village Services:

Village Services was one of concepts for the developed villages in India. The aim of Village

Services was help it to solve all problems of villagers . Village Services concepts focused on the role of technology in building governance and public services. Village services has various models developed by the researchers .There were four dimensions including Grampanchayat, Sangh, Dairy, Anganwadi. The use of technology utilized by villegers was able to make them become more responsive. Village services model based on the concept of “Access to information for everybody”.

### III. SYSTEM ARCHITECTURE:



Figure 1: System architecture

**Step 1:** User send request to registration along with personal information our secured registration mechanism will encrypt the user sensitive information.

**Step 2:** Personal information along with other information to be stored in the database of cloud server.

**Step 3:** User request for login with username password or user id.

**Step 4:** After successful login user can fill profile page and then access our services like Sangh Grampanchayat , Dairy ,Anganwadi.

**Step 5:** User can get notification of our services that we provided.

### IV. PROPOSED SYSTEM:

The Rural areas are in need of essential infrastructure like water supply and power ,schemes and services etc .in Indian villages

Grampanchayat is a village -governing institute. here we provide list of document that needs to user. We provide all information about its villagers available resources applicable services and scheme. We display the timetable of water supply of each colony . We provide date, place and time through notification or message regarding meetings of panchayat .We display the time of closing and opening sangh. also display the timetable of distribution of ration colony wise. Here we manage works related to villagers daily work such as milk collections from members, sales to the customer and all the dairy-related processes like stock of cattle feed ,accounting and finance, and dairy related schemes. Anganwadi center provides basic health care in a village. Basic Healthcare activities includes contraceptive counsil and supply, nutrition, education, supplementation, as well as preschool activities.

Graph :

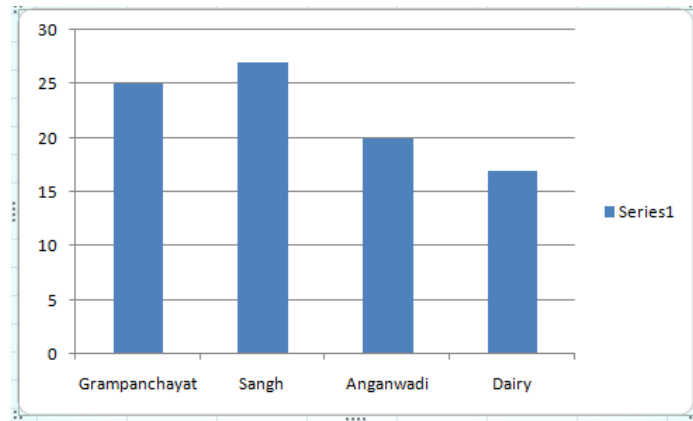


Table 1:

User Data: Which services is access by the users.

| Services      | Users |
|---------------|-------|
| Grampanchayat | 25    |
| Anganwadi     | 20    |
| Dairy         | 18    |
| Sangh         | 28    |

## V. EXPERIMENTAL SETUP:

**Static pages:** We create website for user to show contents, features of our project. It is written in HTML, CSS, JavaScript etc.

### Dashboard:

The dashboard consist of the Admin side pages. This allows the admin to enter the information related dairy, Grampanchayat, Sangh, Anganwadi. In that include problem related to change time table, notification, update.

### Tools for implementing project work:

#### 1) Sublime 3-

It is lightweight, cross platform code editor known for its speed, ease of use and strong community support. We use the sublime 3.0 version.

#### 2) Xampp-

is free and open source cross platform web server solution stack package developed by apache friends, consisting mainly of the apache http server. (Xampp- Cross, Apache, PHP, Perl). We use version 7.4.

#### 3) PHP Composer-

is an application level package manager for the PHP programming language that provides a standard format for managing dependencies of php software and require libraries. Version v2

#### 4) Git-

is a software for tracking changes in any set of files usually used for coordinating work among programmers collaboratively developing source code during software development. Version 2.35.0.

#### 5) Firebase-

is a development platform known originally for its real-time database that's still at its core multi-node key-value database for synchronizing data, often between user machines or smart phones and centralized storage in the cloud. Step 7: Concatenate the data symbols obtained in the step 6 and obtain the final output.

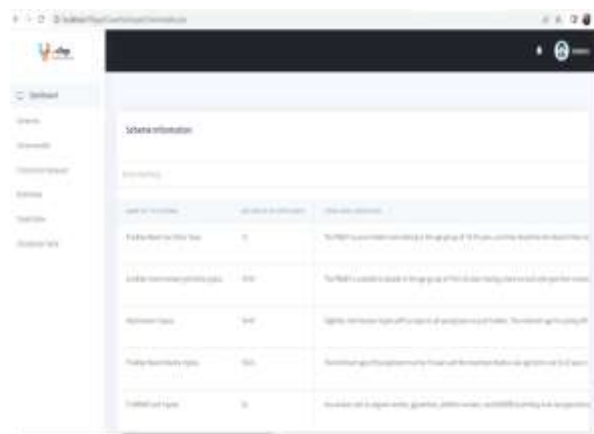
## VI. RESULTS:



Fig 2: Result with users login



Fig 3: result with services homepage



## VII. CONCLUSION:

All villages are to be smart for development .are the need of the hour as development is needed for both rural and urban areas for better livelihood and technology and knowledge itself will offer competent solution.

Village services is to assess the quality of life in the village and suggest ways and means to improve the same. We want to draw the attention of the villagers to the new technology

**REFERENCES:**

- [1]. Abdoullaev, Azamat. "Keynote:" A Smart World: A Development Model for Intelligent Cities". The 11th IEEE International Conference on Computer and Information Technology (CIT). 2011.
- [2]. M. N. Srinivas and A. M. Shah (1960).The Myth of Self-Sufficiency of the Indian Village. The Economic Weekly,1375-
- [3]. Model Village perspective for Rural development by Dr. Vinita Yadav and Meet Fatewar.
- [4]. Handbook of Rural Development Edited by Gary Paul Green.
- [5]. Rural Development in India policies and programmes by Abdul Azeez NP and S. M. Jawed Akhtar.