



CUSROW WADIA INSTITUTE OF TECHNOLOGY, PUNE

**Synopsis on
THE VILLAGE**

Project by

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Project Title:

THE VILLAGE

ABSTARCT

This project deals with study and development of village as a Digital/Smart village. We define digital village as bundle of services of which are delivered to its residence and businesses in an effective and efficient manner. The basic concept of digital village is to collect community efforts and strength of people from various streams and integrate it with information technology to provide benefits to the rural community. It also makes the village self-sufficient in respect of their needs and focuses on improved resource use efficiency, local self-governance, access to assure basic amenities and responsible individual and community behavior to build happy society. We are making digital village by taking smart decisions using smart technologies and services.

TECHNICAL KEYWORDS

PHP, JavaScript, MySQL, HTML, CSS, BOOTSTRAP, jQuery
Information technology, Digital village, strategy, Online payment

INTRODUCTION

Village is main criteria for development of nation, so develop the village in such a way that which is self-dependent in providing the services, employment & well connected to the rest of the world & new technology that is DIGITAL VILLAGE. The digital village corrects providing facilities for sustainable family relationships without disturbing the lifestyle of different generation. So, it necessary to design and development of as a digital village with urbanization and modernization peoples migrate from one place to another for different facilities such as education, employment, affinity of people towards the city. Digital village is that modern energy access, can act as catalyst of development in education, health, clean water, sanitation, and environmental sustainability.

Development of nation at any phase is linked with technology and when it happens there is advancement in science and innovation. Now-a-days our government also gives strong focus on digital village. So, our project is also a small step towards to make India as developed nation to the progress of village and smarten the rural development using ICT (Information and communication technology) solution to achieve self-sustainability.

Digital Village and would become the focal point for the providing information, social, e-learning and e-governance services to villages. This can become the spring board for rapid economic growth in the rural areas.

OBJECTIVE

1. Implementing various initiatives to create Awareness in rural parts of the area.
2. Notifying the people about the events beforehand (For ex. Power-cut of electricity, etc.)
3. Creating direct connection between the people & Gram Panchayat, hence removing the third person between the people & Gram Panchayat.
4. Creation of employment opportunities for the youth.
5. It supports techno economic viability of digital technology, projects for productive applications in village area livelihoods.
6. Standardize the technology packages for future applications.
7. Create awareness and capacity building activities on Information Technology systems.
8. Creating a One Stop Service Solution for the village area citizens, providing them with quality services.
9. Identifying the problems of rural development.
10. Help to cashless economy.

EXISTING SYSTEM

This system is a real-life application already being used in several villages.

LIMITATIONS OF EXISTING SYSTEM:

- Lack of integrity
- Lack of Availability and continuity of service
- Lack of Accuracy
- Difficult to work across departments and boundaries.
- Its adoption requires knowledge on different technologies in order to use it. Without training people find it irrelevant to their daily lives and difficult to use.

PROBLEM STATEMENT

1. Providing the information regarding various government schemes, news related to village.
2. Prenotification of the occurrence of the event to the villagers (For ex. Power-cut of electricity, etc.).
3. Advertising the Tourists attraction places, as in return it will help development of villagers.

PROPOSED SYSTEM

The basic concept of digital village is to collect community efforts and strength of people from various streams and integrate it with information technology to provide benefits to the rural community.

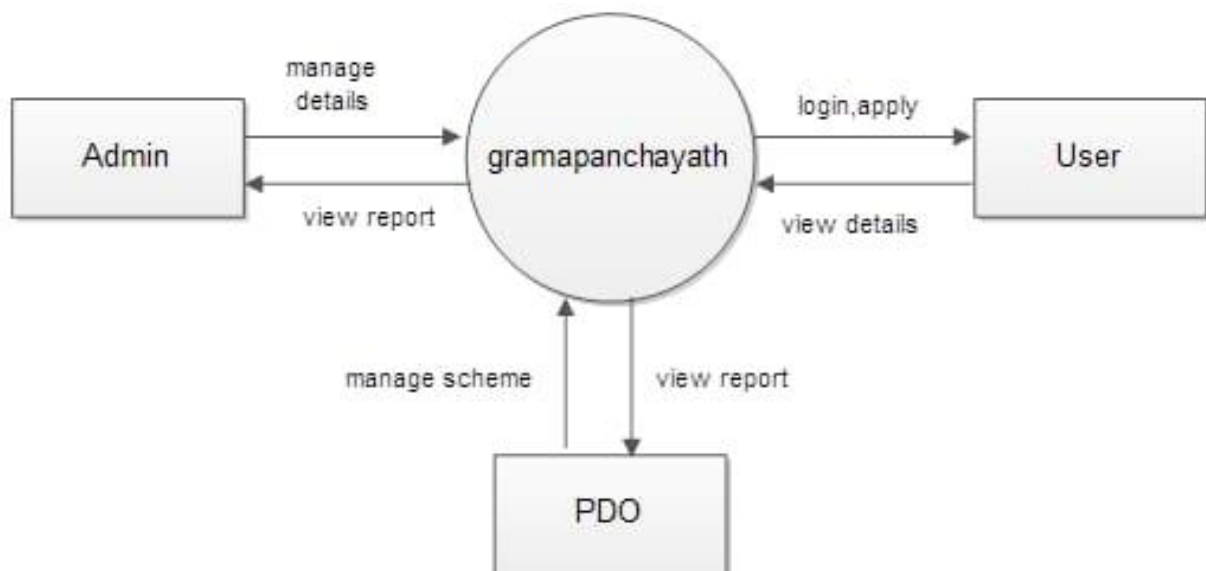
Modules:

1. User registration and further details
2. Admin registration and further details
3. Other Services

ADVANTAGES OF PROPOSED SYSTEM:

1. Greater Efficiency
2. Better Service
3. User-friendliness & interactive
4. Minimum time needed for the various processing.

PROJECT FLOW DIAGRAM



PROJECT REQUIREMENTS

1. Dataset of Villagers
2. Images of Particular Places
3. Survey of Villagers
4. Government official's dataset
5. Graphical Representation of area

Operating Environment –

Hardware Requirements:

- | | |
|--------------|--|
| 1. Processor | - intel i3 4 th Generation or Above |
| 2. Speed | - 2.3 GHz or Above |
| 3. RAM | - 4 GB minimum |
| 4. Hard Disk | - 10 GB or Above |

Software Requirements:

- | | |
|-----------------------|----------------------------------|
| 1. Operating System | - Windows 8/10 |
| 2. Application Server | - Apache Server / MySQL Database |

CONCLUSION

We have shifted our focus to make villages 'smart' technologically and have tried to bring about changes that would have the sole of village but facilities as that of a city.

CONTRIBUTION

1. Front-end: Aishwarya Singh, Rohan Bedage.
2. Back-end: Saurabh Nale, Aishwarya Singh, Rohan Bedage.

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