**DIGITAL GRAM-PANCHAYAT**

**Business Requirement Specification**

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**1. Introduction**

* Document Purpose

This document communicates with the rural area people for solving their problems and give awareness about new technologies/schemes. The scope of this document

* Project Background

Digital Gram Panchayat is a web application that is specially, designed to establish an environment, wherein villagers can easily communicate with the village councils. Our application features: administrator, PDO (Panchayat Development Officer) and village public. Administrator will handle the whole website and manage the activities of users. PDO will update panchayat services, application, payments and complaints filled by public. The village public will register to the application and avail for the facilities. This post has complete information of Digital Gram Panchayat Project Documentation.

* Goals of the project

Our project is aimed at achieving the solution for the problems that are faced by the public in villages. Through this application public can easily contact the PDO regarding any issues such as availing for services, complaints filling, bill payments, application filling and feedbacks. The PDO can easily keep track on the village problems and managements.

**2. Business Requirements Overview**

* Digital Gram Panchayat is the public web application.
* Digital Gram Panchayat will be available for every village in India, but in the phase 1, the main target is for a particular village.
* There are mainly three types of user. Admin, User and PDO.
* User (Villagers) can search for the schemes and register their problems.
* Admin (Village Head) will use the interface for solving the problems.
* Digital Gram Panchayat will be maintained by Head-administrator (PDO) .
* Digital Gram Panchayat provides the functions, which connect the Users, Admin and the PDO efficiently.

**3. Functional Requirements Overview**

* ADMIN MODULE
* USER MODULE
* PDO MODULE
* Message Acknowledgement Module
* ADMIN MODULE:

• Login: In this module, the admin can be login.

• Manage public: The admin can manage the activities of the public, such as manage their services and construction, complaint and feedback, birth and death details.

• Manage PDO: Manages the PDO details.

• Report preview: The admin can preview the report of the application such as manage house details, updated services details, payments details, new and notification.

* USER MODULE

• Register: In this module, the user can be register.

• Login: After user successful registration, user can login.

• Apply services: The user can apply for services by filling the application

• Apply constructions: The user can apply for permission of construction by filling the application.

• Pay bills: In this module, the user can pay the bill amounts.

• Pay now: Here user can pay.

• Pay history: Here particular user payment details will be

displayed.

• Post complaints and feedback: Here user can post the complaints to the Panchayat.

• Birth and death information: This module enables the user to update the details of birth and death

• Birth: Here birth information will be entered.

• Death: Here death information will be entered.

• News and Notification: This module enables the user to see the PDO updated news and notification.

• Change password: Here user can change old password into new password.

* PDO MODULE:

• Login: Here PDO can be login.

• Manage house details: The PDO will manage the public like updating, adding a family member etc...

• Update services details: Here PDO update the services details.

• Manage application: Here PDO can manage the user applied application.

• Services

• Construction

• Manage payment: The PDO can manage the payment details of the users.

• Update news and notification: Here the PDO will update all news and notifications that are to be seen by users.

• Complaints and feedback: The PDO will check the user updated complaints and feedback.

Birth and Death Information:

* Birth: Here PDO check the user birth details
* Death: Here PDO check the user death details

CONTEXT FLOW DIAGRAM

Message Acknowledgement Module

* Message Acknowledge Module should provide the entire users feedback message about their completion of transaction.

**4. Non-functional Requirements**

* The website should use professional design, look and feel and color scheme.
* Users will have no limitations for accessing the application through Internet. The portal being an internet application, it is difficult specify exact number of visitor or users. Hence, we will target the system to support between five and ten million users on launch of phase 1.
* Being a public website, the site must follow general usability guidelines for menus, navigation, colors, links and other actions provided on the screens.
* The system should be designed in such a manner that user will be able to complete tasks in minimum number of steps.