

## District Development Portal

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### ABSTRACT

The district and local administration inside a state in India always are dealing with new problems as a result of the government's increasing population and the government's effort to provide more and more services that are focused on the needs of the people. The majority of the service deliveries require a long time to complete because numerous actions from many departments are needed but are not properly integrated. Eventually, these are creating citizen dissatisfaction, and this research found the fundamental causes of the following.

This software makes it simple to manage Problem addressed as well as client data such as complains and profiles. As necessary, this data is simply reviewed and updated. Also providing the capacity to maintain all other government database is this district development portal. The administrator of this system can post the upcoming events or news as in image or video format to the public. This system helps to finds the news to improve the society. Through this application the people are file the complaint about the issues they face in public through online. This complaint is automatically forwarded to the concern person through online itself with location information. Once the admin seen who can monitor the status of the complaint to the respective employee or admin.

**Keywords:** Complaint, Department, Status, Society.

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### I. INTRODUCTION:

The district development portal is created where the public people can file their complaint about the public issue at anywhere at any time the complaints are automatically forwarded to the respective department officers the complaints can be viewed by every user. The admin of this portal can monitor the complaints to the public people and respective government faculty. If a people need to explain about the issue to the respective faculty directly they can view their profile to see there availability and their working time. People from all over the district can post the picture of the issues and everyone can see the post and comment the respective department can takes necessary steps to solve the issue. The admin of this portal can post the events and news on this portal the post is visible to everyone the people may complaint for almost any reason at all time. Public can view the status of the complaint. There is no need to create separate website for electricity department, water department, etc. to view complaint from public. Anything happening in the district will be very transparent and everyone knows about what is actually happening in their district. The system must provide the services to the user who enters it according to the information it already has collected and the issues it has noticed that require service. It also provides the functionality to maintain other department database. Also, the employee in the specific department can post the status of the complaint to the public who posted the complaint.

### II. LITERATURE REVIEW:

The portal can monitor the complaints to the public people and respective government faculty. If a people need to explain about the issue to the respective faculty directly they can view their profile to see the availability and their working time. People from all over the district can post the picture of the issues and everyone can see the post and comment the respective department can takes necessary steps to solve the issue. There is no need to create separate website for electricity department, water department, etc. to view complaint from public. Anything happening in the district will be very transparent and everyone knows about what is actually happening in their district. It also provides the functionality to maintain all other department database. Also, the employee in the specific department can post the status of the complaint to the public who posted the complaint

### III. PROPOSED SYSTEM

Each of the problems in the existing system are resolved by the proposed system. This project collects information about public users, complaints, problem rectification, and status updates. The proposed system has its own advantage such as quick in processing. The proposed system would avoid all the errors in the manual

system. It also reduces human Labors and time. Proposed system is the computerization of the system with GUI based client server system, which takes care of the process involved. The public can post their complaints in anywhere and can view the status of their complaints. The public can view the latest news about the district development programs or events uploaded by the administrator.

#### **IV. MODULE DESCRIPTION**

##### **1. EMPLOYEE REGISTRATION**

In this module the Employee has to do the login for taking the complaint process corresponding to their department. Employees can login and review complaints from the public which have been posted once registration is complete.

##### **2. USER REGISTRATION**

In this module the user will registration and rise the complaint and also view development information happens in their district

##### **3. ADMINISTRATOR**

It has authority to stores the user information, providing employee and performing the adding, deleting the user and employee information. Finally, the administrator can view the complaint details from the public user.

##### **4. POST COMPLAINTS**

In this module, the user can post their complaint details. Those details include User id, name and problem description. Those details user can enter and submit. Then these details stored in the database. Those complaint details can be viewed by the administrator.

##### **5. RECTIFY PROBLEM**

The administrator can see the complaint details in this module and identify a specific employee with the duty of resolving the issue. The public and administrator were notified of the resolved status.

##### **6. NEWS AND EVENTS**

In this module the administrator can post images or videos about the district development programs. The public can view the details about the program and its details like venue and date. The uploaded data are stored in the web server and in the database. The public can view that event information's through this application from anywhere.

#### **V. METHODOLOGY**

Testing is a process to verify that a correct system is being created, and it is performed out with the goal of finding any problems. Yet, it is not essential that it be completed only when the development period is over. However, this needs to be done simultaneously with all system designing phase, begin with requirement specification. Once gathered and analyzed, testing findings offer a qualitative evaluation of the reliability and trustworthiness of the software and can be used to alter it if necessary. Lack of sufficient testing, an undertaking is deemed to be unfulfilled.

The process of testing phase evaluates whether development system is functioning in keeping with the initial goals and requirements. To ensure that it satisfies the required specification, it should be experimentally tested utilizing test data. Test the system with actual data after it's been found to be functioning to evaluate performance.

Every test must be able to be related directly to customer requirements. Program testing will eventually will be less essential. Testing the entire thing is not possible. Testing must have a possibility of identifying errors in order to be more productive.

#### **UNIT TESTING**

The process of verifying the separate parts (subprograms or procedures) of a software is referred as unit testing or module testing. Identifying conflicts between a module's interface specification and behaviour is the target. With our technique, the correctness of each module is tested.

#### **VALIDATION TESTING**

A last level of assurance that software fulfills all functional, organizational, and performance needs is offered by validation testing. After becoming validated, the software must be connected with other network elements. System testing to ensure that all components interact collectively successfully and that the system operates as planned overall.

## INTEGRATION TESTING

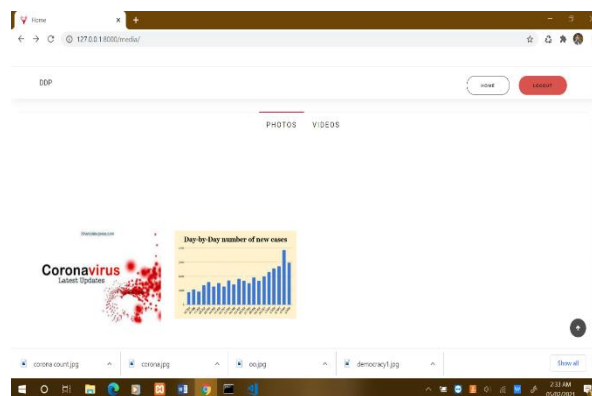
The process of joining and placing into test multiple components simultaneously is termed integration testing. Identifying problems in the interfaces between the components is the primary objective of integration testing. Each of the mentioned modules in our system is reviewed individually before even being joined to check for integration.

## VI. RESULT:

### INPUT:



### OUTPUT:



## VII. CONCLUSION

It can be said that the programme is effective and satisfies the requirements that its consumers have. The software is tested extensively, and any errors are properly debugged. A few systems are simultaneously using program. Several simultaneous login requests are tested. That government sector will certainly benefit from this project.

This project is quite simple and easy to understand even for the end users.

Further enhancement can affect the flow of the project. The main theme behind this is the accuracy and this factor is considered and implemented to the fullest possible extent.

Everyone can easily operate this system due to its consumer. The proper documentation is offered. By reviewing the documentation, the end consumer is able to quickly understand how the entire structure is put into effect. The system had completed evaluation and installation, and so far has produced satisfactory performance. The entire required output is generated.

## References

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