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Android Civil Administration Reporting

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Abstract: ***The system is built to connect the local public with the higher officials in the Civil Administration Office. The government faces daily challenges in attempt to provide cooperation to all citizens who depend on the of public services. The user must register to an account and state a complaint to the authority with the generated unique ID. The user must require an Android application to register a complaint by mobile or desktop. The status of the complaint is updated only by respective authority. The use have to wait till the authority changes the status of the complaint. Complaints can be easily registered by the user and can be tracked with a unique complaint ID. The user can then view the progress of the complaint. This system will not only save the time of the complaint fillers but also lead to track their complaint and its status in a regular interval of time. Once the reply of the complaint is given, the user will get the update on his smartphone and email address as well.***

Keywords: Global Position System (GPS), Android kit, public services, android phone

I. INTRODUCTION

In India people don't have any direct communication between the government and public in an efficient way for solving the problems i.e. for getting a problem solved in our place we have to bribe the officials and get them solved in 2 months which can be solved actually in 1 month of time. In order to overcome this problem previously National Informatics Centre has launched a site named Prajavani through which public can post the petitions or complaints in the site and get them solved in a specified time and can also know the status of the complaint or petition he has lodged at any time. NIC has launched this site with the goal of Right TO Information Act (RTI Act) i.e. providing the complete information of a place to the user at any time. But it failed in providing the complete information to the public and is providing only the complaint lodging facility to the public. In order to make the goal of NIC come true we are going to develop a system which will be able to provide the complete information to the public at any point of time regarding the problems they are facing currently and what is the impact of it and then how effectively the funds are utilized for the development purpose can be known by public which also includes the online discussion forums and feedback forms which will help them to communicate well with the government. It concludes by publishing a newsletter and a magazine to the registered users of the system which gives the complete details of the district for every month.

II. EXISTING SYSTEM

In the existing system the citizens must go to the government office for any kind of help. For complaining about a problem there is a system called Prajavani in which the users can post their problems but cannot get the details of the problems and some other services. This system doesn't have much popularity and is not user friendly.

A. Problem in Existing System

The following are the drawbacks present in the existing system.

1) No registration facility is provided and can post the problems directly.
2) Have to install suitable fonts and software available in the website for using the system.
3) Can't get the information regarding funds allotted to the problem and other basic information.
4) Fake problems can be entered and there is no possibility to verify before solving the problem.
5) A citizen can't give a suggestion for solving the problem in a better way.

III. PROPOSED SYSTEM

In the proposed system the citizen need not go to the government office for getting his problem solved. He can get his problem solved by posting his problem in this proposed system and he can suggest a possible solution to the problems posted on the system. He can even get the information of the funds and other details of his place in detail through this system. Our proposed system provides solution to existing system by extending its facilities as follows:

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A. Registration is provided so that officer can solve the problems easily
B. Complete information regarding the place is displayed.
C. Can suggest a solution for solving the problems in a better way,
D. Can comment on the government's decisions.

IV. MODULES

There are five modules in our project. They are

A. Registration

1) Citizens who ever want to get services from our website are to be registered
2) When once user is registered by filling appropriate form basing on the type selected data will be saved in database.
3) Once logged in user can view his profile and if he want to modify it he can edit it by clicking edit profile and it will be automatically updated in database

B. Authentication

1) User must provide valid username and password to login to system
2) The username and password entered will be checked with database. They must match with username and password given at registration time.
3) If they are matched user is authenticated and access is granted

C. Services

1) User can post the problems he is facing and can upload the images and videos of the problem.
2) User can also get the problems faced by other people in his place and their status.
3) user can also get the funds released for specific problems in his place
4) User can donate money to the organizations listed in the site.
5) User can suggest a new way of implementing the ideas through discussion forums.
6) User can get newsletter once he has registered for it.

D. Officer Module

1) Officer acknowledges the problem they received.
2) Higher Officer will send messages to their subordinates.
3) Can accept the feedback.

E. Admin Module

1) Can add/remove officers.
2) Data base maintenance like regular backup/ recovery of database.
*3)*Sends newsletter to the subscribed users.

F. Advantages

1) It helps user to register the complaint with ease.
2) Complain tracking using the complaint ID.
3) User will end the case on self-satisfaction.

V. ALGORITHM

A. Android Application

1) User registration on Android application
2) User Login
3) Add complaint
4) View status of complaint
5) Cancelation of complaints

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6) For new complaints go to step
7) Log Out

B. Website
1) Admin and officer registration
2) Admin and officer login
3) View complaints
4) Assign and view officers
5) view Complaint details
6) Update complaint statu
7) Log Out

VI. MATHEMATICAL MODEL

A. For Android Application,

A = (s, e, i, o, success, failure)
where, A = Application
s = start of android application (Log In)
e = end of android application (Log Out)
i = complaint registration
o = status of complaint
success = complaint is registered successfully
failure = complaint is not registered

B. For Website,

S = (st, en, ip, op, success, failure)
where, S = System
st = log in of administration and authority
en = log out of administration and authority
ip = complaints of android users
op = status of complaints
success = complaint is solved successfully
failure = complaint is not solved

C. Purpose and Scope

*1)*Purpose: Providing an online way of solving the problems faced by the public by saving time and eradicate corruption.

2)Scope

a) Providing accessibility to all users of the system who have a valid username and password. This system also provides the following facilities such as
b) Donating money to the organizations which help the poor
c) Posting the problem they are facing
d) Communication through discussion forums, feedback, mail

VII. SYSTEM ARCHITECTURE

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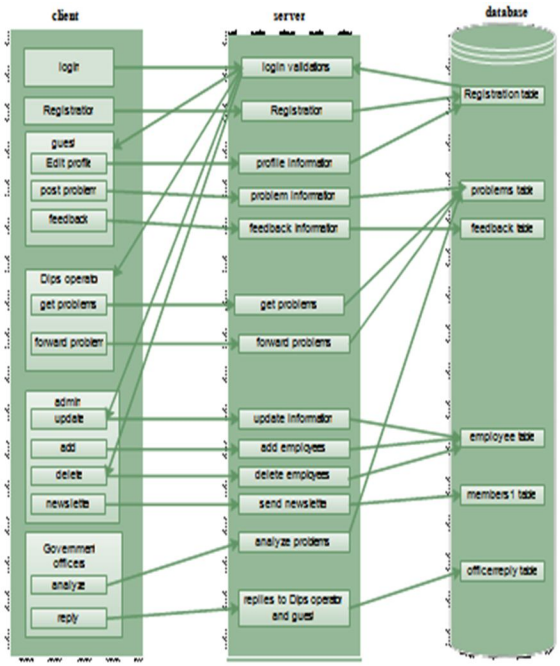
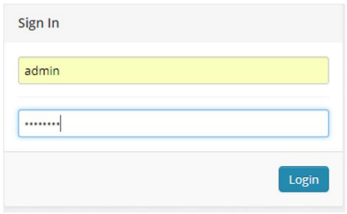
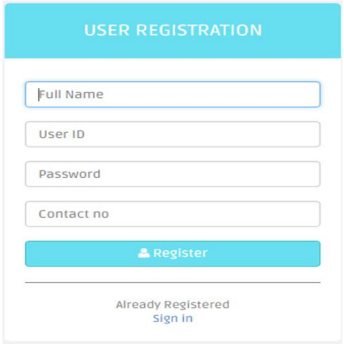
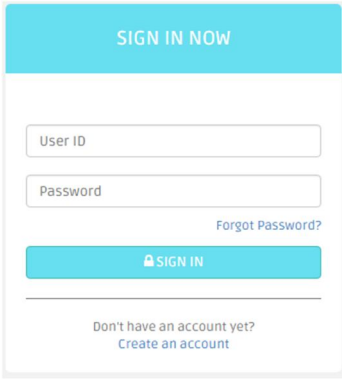


VIII. RESULT







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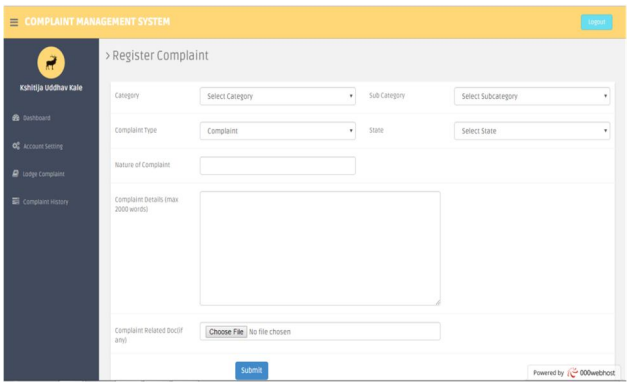

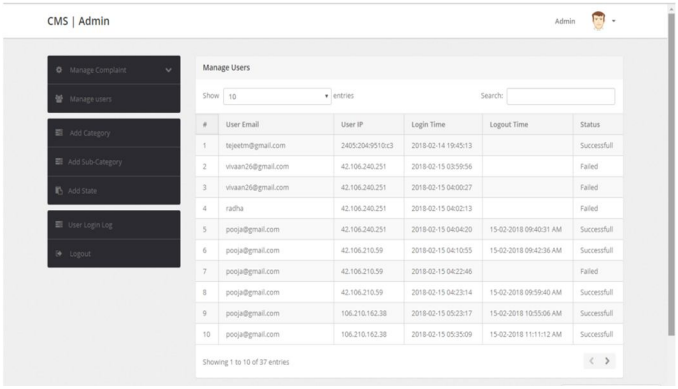

IX. CONCLUSION

Through our system first provided the communication between government officials and the citizens and their services. Citizens can know place profile and information about problems they are facing in their area. Any funds related information, tourism related information in that area, children's charities old age homes. User can know complete information about the government related activities in more detailed form.

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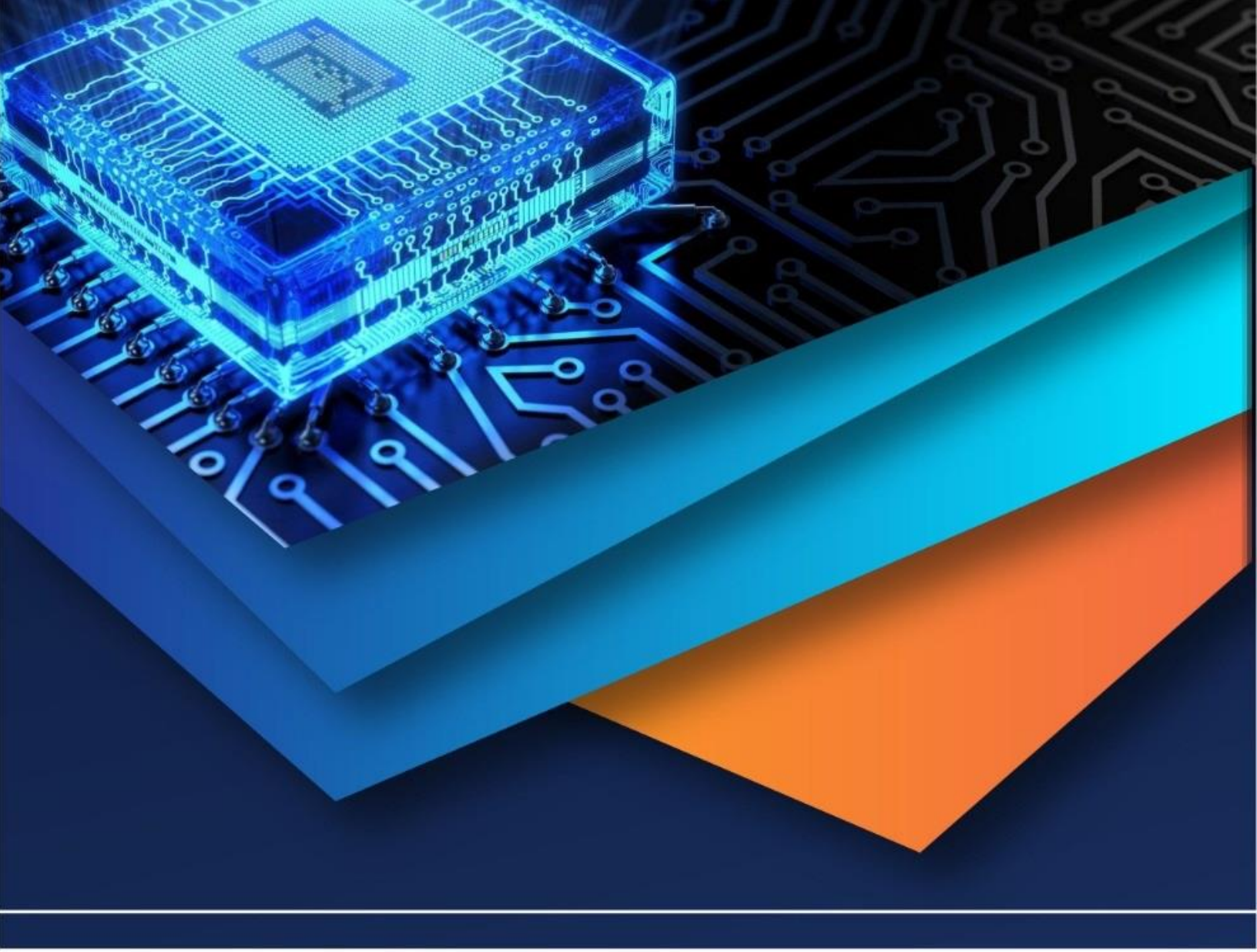

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