

Survey on Grievance Cell and Complaints Tracking System for Citizens

¹Dimple Deshkar, ²Pinal Sakharkar, ³Sneha More and Jyoti Muthreja,

^{1,2,3,4}Department of Information Technology, S.B. Jain Institute of Technology Management and Research, Nagpur, India

Abstract: This project primarily focuses on sanitation and development of a municipal corporation. To create it attainable, the people that belong to the municipal corporation are supplied with a chance of raising a grievance relating to any issue that happen in their section. The problems are garbage management, water system, electricity management, road repairs or layering of roads and sewage. To lift the complaints through Electronic grievance Management System for Municipal Corporation relating to the higher than classes, a simplified answer is intended wherever the various form of complaints created by individuals are integrated. The target of the complaints management system is to create complaints easier to coordinate, monitor, track and resolve, and to supply company with a good tool to spot and target drawback areas, monitor complaints handling performance and build business enhancements. On-line grievance Management could be a management technique for assessing, analyzing and responding to client complaints. Complaints Management code is employed to record resolve and reply to client complaints, requests additionally as facilitate the other feedback.

Keywords: Online, Customer, Respond, Grievance, Management.

I. INTRODUCTION

In a developing country like India, there's no direct communication between individuals government. [1] Lack of communication between individuals and government produce how for felony. Still if unethical ways in which are followed there's no recipient that the specified work will be finished or not among given time. It's terribly expensive factor to sacrifice a leave to lodge a grievance nose to nose to the municipal corporation. The Grievance Cell is that the Citizen's Interface for all Grievances [2]. The new Grievances Management System provides a centralized store house and powerful progress management options to the Grievance Cell. Due to the new system, complaints received from any medium will be managed, monitored and half-tracked centrally. A Grievance is initial received by the Call Centre from the varied channels listed higher than. The standing of a fresh received Grievance is "New".



At first Call center workers tries to mapped out the complaints, if it not solve then apportion grievance to the suitable department. [3] Subject indicating that their Grievance has been forwarded to the various departments. The person handling the

Grievance sets the standing to in method once he/she starts acting on the Grievance. If the Grievance isn't completed among the stipulated time, it mechanically escalates to the top dog, town Engineer and Commissioner supported a pre-defined increase Matrix [5] in any respect times, the voters is notified of the method and might jointly monitor same from the Grievance web site and Application.

A Goals or Objective:

- No need to visit NMC workplace for all types of tiny Complaints
- Citizens will check Complaints standing anytime, anyplace sitting reception
- Paperless Work, with one click gets all details
- simply maintain all grievance Track records, as per department wise
- simply track with Token ID
- Save travel Time and money

This is the Official web site of NMC, This web site provides completely different data regarding town, department, services, and news. From this web site we have a tendency to have got the thought of various departments within the NMC and however the grievance connected to the various departments are forwarded to that department. [10]

The web site consists of a lot of careful data. It consists of assorted departments like Water biodegradable pollution, slum, welfare, education etc. This web site jointly consists of careful data regarding NMC. This web site jointly provides the small print regarding the on-going comes. During this web site we have a tendency to will see the grievance lodging method and grievance lodging kind which can be helpful for operating within the planned system. The planned system relies on Municipal Corporation this web site is beneficial for obtaining the small print of departments list. This is the official web site of geographical region government for the complaints of the voters however we've got found ton of difficulties found by the users and jointly realize that the operating of the web site isn't precisely evidently. [11] Several users finding problem in registering grievance to departments, users having ambiguity whereas choosing department to lift complaints. And one a lot of necessary drawback occur is that user can't modification the language means that language preference isn't given during this web site.

In this web site there's grievance system for NMC of Nasik during this web site there's one menu within which the ability is provided during which the date of grievance registration and grievance completion is mentioned however it provide stone of drawback in process complaints and to those complaints which don't seem to be resolved. [12] And graphical user interface of this web site isn't easy, the matter jointly occur throughout choice of space on map that is provided on web site to pick location. This web site is governmental web

sitethat is developed to supplyon-line facility of grievance registration. During thisweb site user will lodge the grievanceregarding health department and insurance firmssolely[13]. From this web sitewe have a tendency tohavean inspirationregardingcreating one app which can register all the Nagar Panchayat complaints. In this web sitethere'sgrievance system for worker of company during whichwe've gotnoticed that a lot of complaints wasn't resolved therefore the higher authority isn't that a lot of active.[14] Thus from these net application we have a tendency to found the matterof upper authority, higher authority ought to work properly.

In this web sitethere'sgrievance registration for college students of graphic era university of Dehradun. This web site is user friendly thuswe have a tendency to get the thought of user friendly web site.[15]This may be terriblyuseful for those people thatdon't seem to be aware for technology as per demand. And conjointlygive east use of the net application in order that even naive user may use our application simply.This project in the main focuses on serving tofolks to lodge criticisms against unpleasent things around their house by initial registering themselves then login and lodging complaint. Then registered criticismcan forwarded to individual department of it. That department canattempt to solve criticism, if they fail to resolve it then the criticismcan forwarded to higher authority and correct action canwithstand it. We attempt to develop this project in below mentioned modules.

II. SYSTEM MODULES

Module 1: User

Registration: during this module, user can register himself/herself with username and password.

Login: During this module, user can login victimization their username and Arcanum created throughout the registration.

Feedback/Suggestion: during this module, user willprovide feedback or suggestions concerning their criticism.

Lodging criticism

Register complaint: In this module, the user will register their criticism in it and provided by one criticism variety victimization that the user will track their registered criticism at anytime and anyplace. Then that criticismare going to be forwarded to revered department. The situation facility also will be provided to user to assign their spacesimply.

Module 2: Department

Assign department: during this module, the member of department can register and login and have access to scan all complaints registered in their revered department.

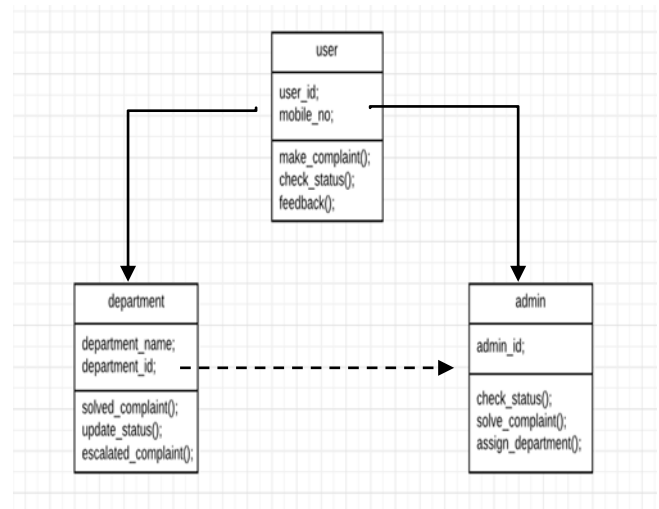
Module 3: Admin Module

In this module, admin are going to beready to keep track of all the registered, resolved and process complaints. The admin can have right to feature, update or delete any department. The escalated complaints that can't be solve by any department, thereon complaints admin will take action.

III. PLANNED SYSTEM

The System mechanically sends a notification to the appointed person within the Department furtheron the subject indicating that their Grievance has been forwarded to the individual department. The person handling the Grievance sets the standing to in methodonce he/she starts engaged on the

Grievance. If the Grievance isn't completed inside the stipulated time, it mechanically escalates to the headtown Engineer and Commissioner supported a pre-defined increase Matrix. In any respect times, the subject is notified of the Progress and mightadditionally monitor an equivalent from the Grievances Website/App.



IV. RESULTS AND DICUSSION

A Grievance is first received by the Complaint form. The status of a newly received Grievance is "New". Then complaint will allocate to the appropriate department.

The System automatically sends a notification to the appointed person in the Department as well as to the Citizen indicating that their Grievance has been forwarded to the respective department. The personhandling the Grievance sets the status to In Process when he/she starts working on the Grievance. If theGrievance is not completed within the stipulated time, it automatically escalates to the Department Head,City Engineer and Commissioner based on a pre-defined Escalation Matrix. At all times, the Citizen is notified of the Progress and can also monitor the same from the Grievances Website/App.

CONCLUSION

In this application, it's explained concerning the operating procedure of the system, the roles concernedwithin the system and therefore the activities and responsibilities those users. This paper presents the summary of the analysis and development of the grievance management system of Municipal Corporation. The Grievance cell system has been developed to beatthe issues with ancient system. The system was tested with sample knowledge and was found to be a lot ofquicker, reliable and user friendly than the prevailing system. This method is versatile enough to adapt any changes in it,which will occur throughout maintenance. Any variety of enhancements is potential in future. Through this plannedsystem provided communication between administration and voters and their services.

References

- [1] Sajidabhanu , B. Regina, B. Sudhir "Electronic Complaint Management System for Municipal Corporation", "Communications on Applied Electronics (CAE) Foundation of Computer Science FCS, New York, USA", Volume 2, September 2015.
- [2] Osman Nasr, Enayat Alkhider, "Online Complaint Management System", "IJISSET - International Journal of Innovative Science, Engineering& Technology", Volume 2, June 2015

- [3] Razali R., Abd Halim K.N., & Jusoff K., "Quality Improvement of services in University Technology Mara Pahang from a Management Perspective." Management Science & Engineering Volume 5, 2011.
- [4] Najar, A.S., Al-Sukhni, H.A., & Aghakhani, N., "The Application of Service-oriented Architecture in Ecomplaint System." The Second International Conference on Communication software and Networks, ICCSN , Volume 1, February 2010.
- [5] H. Kim, P. Howland, And H. Park, "Dimension Reduction In Textclassification With Support Vector Machines," J. Machine Learning Research, Volume 6, 2005.
- [6] B.Y. Ricardo And R.N. Berthier, "Modern Information Retrieval" Addison Wesley Longman, Volume 1 ,1999
- [7] Yi, Yooujae, "A Critical Review of Customer Satisfaction". In Review of Markiting, Valerie A, Zeithaml, ed. Chicago, American Marketing Association, Volume 1, 1990.
- [8] Fornell C., & Westbrook A. Robert, "The Vicious Circle of Consumer Complaints", journal of Marketing, Volume 1,1984.
- [9] Aaditeshwar Seth, Abhishek Katyal , Rohit Bhatia, Dinesh Kapoor, Balachandran C, Vidya Venkat, Aparna Moitra, Sayonee Chatterjee, Mayank Shivam, Z. Koradia, Praveen Naidu, "Application of Mobile Phones and Social Media to Improve Grievance Redressal in Public Services" Semantic Scholar, Volume 24, 2012.
- [10] www.nmcnagpur.gov.in
- [11] <https://grievances.maharashtra.gov.in>
- [12] Complaint Monitoring System:
- [13] Central Grievance Redressal Management System
- [14] Employee Grievance System:
- [15] Grievance Redressal Cell (Graphic Era University)