

CUSTOMER CARE SERVICE

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Abstract- Customer care service indulgence that helps the client to break their case exclusively via agent operation that we allocated for the case. The client can save time and also they can see the case status that we progress with. It helps to measure client satisfaction and is a useful source of information and feedback for perfecting services. Frequently guests are the first to identify when effects aren't working out duly. To outline the case we've to study the being system, the cases in the being system are full of homemade work like direct cry discussions like BPO and the system that we proffered requires to make go with the website and mention your case, we have the result for your case with multitudinous instrumentalities the agent will give a result for client's case via online. The following Points Are outlined for the description of the case the package that we aimed for can manage the Complaints details without any difficulty & with a little fleck of trouble. As the work is done manually ahead, it'll be veritably time-consuming & needed voluminous sweats to conserve the lines. By computerizing the system these lines can be handled with fragile trouble & in lower time. The main idea of this online client Care and Service Center software is to develop an information system to store, conserve, and update and process data relating to the bazaar. It'll prepare colorful crashes to prop in the smooth and hasty functioning of 'Service Center' conditioning. Below are the objects and pretensions of this design/ software.

Keywords: indulgence, locus, complaint enrollment, feedback.

I. INTRODUCTION

Operative complaint operation is abecedarian to the qualification of quality indulgence. Complaints systems give a medium for carrying feedback from guests, naming controversies and reforming programs and procedures. Complaints operation is a vital element of every resolution-making a frame and is especially applicable to agencies that have indulgence- acquainted places in the public region. With adding prospects from the public, agencies need to respond to complaints in an operative and timely expressway. The chances of the duplicity of complaints are inconsiderable. The client Complaint Report can be generated fluently by getting the information without any case from all the affiliated lines.

The package is aimed at utilizing the GUI conception there so it's veritably stoner-friendly & ready to exercise. Calculating information systems has come decreasingly important because the information is a vital resource & company intelligencer, more & more finances are immured to information systems & system evolution is a serious business for computers that integrate databases & networking. The original disquisition has the object of arbitrating the validity of the stoner request for a seeker system & whether a feasibility study should be conducted.

II. SOFTWARE DESIGN PROCESS

Figure 1 shows the detailed registration flow of the proposed Customer care Service. The detailed procedure is described as following

STEP 1: Agent Creation

Login with admin credentials and create an agent with the fundamental details of the agent and specify the agent work designation, the work designation means which kind of customer problem that handled by an agent. Once the creation that completed the login credentials are sent to the agent.

STEP 2: Admin Privilege

Login with the admin credentials and navigate to the agent tab, here we can able to delete or modify the agent if possible and then the admin also has the privilege to view the customer list and complaint list from the customer and the admin can able to see which agent is allocated for which customer.

STEP3: Agent Login

Once the Agent got the mail from the admin side the mail holds the login credentials, By using that agent can able to login to the agent page, where the agent can able view tokens raised by the customer And agent able to reply about the work progress to the customer with our webpage once the problem is sorted out from our side then the agent reply with the mail for the customer and especially the mail is an auto-generated thing. It holds the message "Your problem is sorted out by our Agent".

STEP 4: Customer Registration

Once the customer login to our page, they get the registration details once they fill in the fundamental details for registration and after setting their credentials they can able to login to the Customer care service once after their login they can able to raise a complaint or token, once the token generated by the customer and then the customer can able to revoke the complaint by deleting it. Also, customers can able to make chat with an agent via the token section that we had implemented.

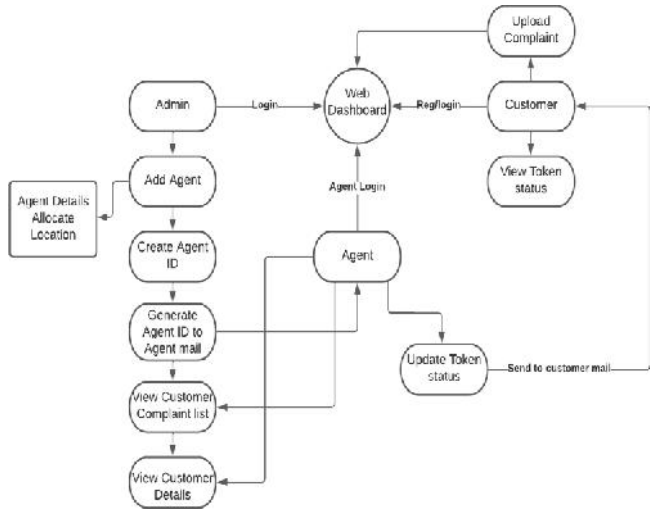


Figure 1 Log in algorithm.

III. CUSTOMER SIDE SOFTWARE DESIGN

Figure 2 shows the detailed customer side-in flow of the proposed customer care service. Only by raising the token is enough for start the process and once the process that with agent who flag the completed status. Once all the process that done from the agent the acknowledgement mail raised to the customer mail id. The detailed procedures of Figure 2 are as following:

STEP 1: After the customer registration the customer data that entries into the database, once customer want to login to their account they have to give the credentials that already stored in via registration process once if they completed the login. They have the options to raise the token and edit the profile setting.

STEP 2: Now the customer raised the complaint via token with specific criteria of problem we mentioned in the check-box. Based on the problem the agent will be allocated for the customer. Each problem that had different agent.

STEP 3: Once all the process are completed. After raised the token the customer can able to raise a question to the agent

who is allocated for the customer and also able to get the reply from the agent side. And also the customer have the privilege to delete the token that they raised.

STEP 4: Once all the process that completed then the customer received an auto generated mail with the message of “Your problem issorted out by our Agent”.

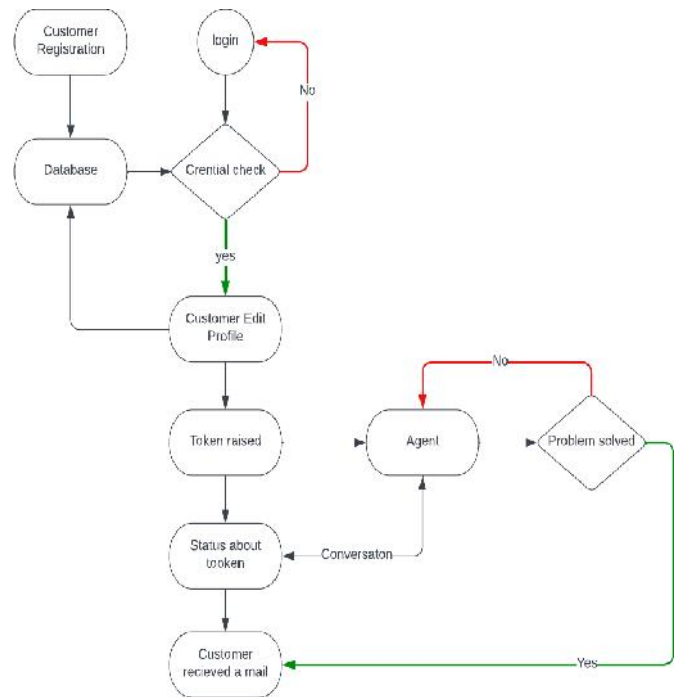


Figure 2 Token raising algorithm

REFERENCES

- [1] Andrey Bogdanov, Dmitry Khovratovich, and Christian Rechberger, 2011, “Biclique Cryptanalysis of the Full AES,” vol. 7073, pp. 344–371.
- [2] G. McLean and A. Wilson, "Evolving the online customer experience: is there a role for online customer support?", vol. 60, pp. 602-610, 2016.
- [3] James Nechvtal, Elanine Barker, Lawrence Bassham, William Burr, Morris Dworkin, James Foti, and Edward Roback, 2001, “Report on the Development of the Advanced Encryption Standard(AES), pp.511- 577, 2001.
- [4] M Kamarunisha, S Ranichandra, TKP Rajagopal, 2011, "Recitation of load balancing algorithms in grid computing environment using policies and strategies an approach", International Journal of Scientific & Engineering Research, vol.2 no3, pp. 1-8.
- [5] OM Soundararajan, Y Jenifer, S Dhivya, TKP Rajagopal, 2014, "Data security and privacy in cloud using RC6 and SHA algorithms", Networks and Communication Engineering, vol. 6, no.5, pp. 202-205.

- [6] Rajagopal T K P, 2017, "A Dynamic Load Balancing for Energy-Efficient of Multi user Access in Heterogeneous Wireless Networks", Journal of Journal of Engineering Technological Research (JETR), vol. 8, pp. 114-121.
- [7] Rajagopal, T K P, Venkatesan, M & Rajivkannan, A, 2018, "A Hybrid Dynamic Load Balancing for Energy-Efficient of Multi Access in Heterogeneous Wireless Networks", TAGA Journal of Graphic Technology Technical Association of the Graphic Arts, Published by Swansea Printing Technology Ltd Sketty, Swansea, SA20QG, United Kingdom, vol. 14, pp. 1687-1700.
- [8] Ross Anderson, Eli Biham, Lars Knudsen, 1998, "Serpent : A Proposal for the Advanced Encryption Standard", vol. 7073, pp.355-371.
- [9] S. Foo, S.C. Hui and P.C. Leong, "A Web-based Intelligent Help Desk Support Environment", vol. 33, no. 6, pp. 389-402, 2002.
- [10] T K P Rajagopal, M Venkatesan, 2022, "Energy efficient server with dynamic load balancing mechanism for cloud computing environment", Wireless Personal Communications, vol. 122, no. 4, pp. 3127-3136.
- [11] T K P Rajagopal, M Venkatesan, A Rajivkannan, 2019, "An improved efficient dynamic load balancing scheme under heterogeneous networks in hybrid cloud environment", Wireless Personal Communications, vol.111, no. 3, pp. 1837-1851.