

Optimizing the Public Online Records Dispensation by Using Hill Climbing Algorithm

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Abstract- At present the data processing system in travel agency we need to go directly to the company for booking the bus or any transportation system based on our needs. In this system we are not having a knowledge about the agency's activity such as whether it is financially and quality wise comfortable for us or not. This system needs a man power and we may not get the details of all nearby travel agencies, since we are not ready to go for each and every travel agencies that are available in surrounding areas. Even if we go for the web to search a best one, either we get millions of results or we get the details of anyone of the agency as best deal through some agents. But the actual is it is not suitable for us. In our proposed system customer need to go for the online data processing system that will react as a communication interface between the travel agencies and with customer. It fetches the necessary information from the customer and estimations from the nearby agencies and maintains those data in cloud. Based on the customer's need and the past reviews of the agencies it shortlists the travel agencies into very less number. It is helpful for us to go to less number of companies and to choose the best one.

Keywords- Data Processing System, Communication Interface, Nearby Area/Agency Identification, Automated Filtering System.

I. INTRODUCTION

In the present system customer may get the details of the agency through direct conversation or through with the help of some other mediators like website or agents. But in first one customer may get the original details but he/she may not get the aware of every agency's details. if the customer may go for asks help from the mediator it is possible to gets fooled by those mediators in an easy way because there is no assurance to get the original details of the agency in website as well as through agent in our optimizing public online dispensation method we are going to overcome those problems, the customer has to face. In this system initially there is no estimations are maintained in the cloud if any customer want to go for somewhere like tour or trip first they need to create an account in our system then he/she need to fill the form that is given in the website from that we fetch the information and start our process from mailing system. Automatic mail triggering concept is one of the main theme of this project once customer they register their details means this information is send to the particular agencies like if the customer mention their district means mail has to be send for the relevant district agency so this is very useful to communicate between user and agency then the agency view the customer needs and the agency ready to service means they enter their payment and all the criteria by this process user gets only few agencies details because of we also included the filtering system finally the customer can easily find out their best.in this process they will get what they need.

II. RELATED WORK

Providing estimations of 15 agencies to the customer after 24 hours, from this they has to choose only 3, once user clicks on any button the details of that particular agency such as contact details will be

sent to the customer through mail as well as opened in the monitor and the contact details of the customer also given to that particular agency.

We are proving these options in the website so both the customer and the agency persons may use this system through mobile phones or systems or any other Systems that has an internet the details of the clients are maintained in the private cloud so no one can change the details once it is entered. If anyone forgot their user id or password then we provide it from the cloud through doing some security actions.

III. EXISTING SYSTEM

In the present system the customer has lot of availability in direct method for example if there 50 agency the customer has to visit all the agency directly at a time but the customer can meet only limited amount of agency. The Main drawback is customer has a option from which the customer has visited so the customer can lose the best one out of 50 agencies another one is manpower is needed. In website the customer can gain more knowledge but that knowledge deceived the fake details. In other way the agencies who has sponsored lot of money get more benefit those who has sponsored less finally lose everything from this the customer gets scam one.



Figure 1: Customer unsatisfied with agent Figure 2: Confused by lot of results in web

IV. PROPOSED SYSTEM

In our proposed system there are five major processes are there. Account creation for the customer and registration for the agency are initial processes that are must to organize our system. If a agency need to register they must enter their state, district, address, phone number through this information admin can view all the information about the particular travel agencies. Admin create particular username and password for individual agencies through this username and password only agencies can able to enter otherwise they can't enter. The customer account creation is also done by the admin. All the information's are registered here customer need to provide his/her essential details to

identify, and they can choose their own user id and password to use our system. Only through this id we can identify the customer. After that if any customer need to go for a trip they need to fill the form which is always available in our website. Here the customer need to enter the details of trip like from date, to date, number of persons, places to visit and so on after filling this form the automatic mail triggering system have start its work. It will fetch the name of the city given in the form and automatically filter the number of agencies available in database by checking the city name and it sends a mail to those particular agencies. after this process the agency workers need to send a reply in the form of estimations within 24 hours after 24 hours system is go for agency filtration. Agency filtration is very useful to filter the agency for their needs. Here agency is filtered by their reviews. By this top 5 agencies will appear and minimum amount quoted agency will appear then third category filtration who quote the amount relevant to customer's budget. These fifteen agency will appear in front of the customer now customer can easily get the details of those agencies and also all of those 15 are best deals for the customer. Here customers are not fooled by any intermedaiator.



Figure 3: Customer with options



Figure 4: Our system



Figure 5: Direct Communication with Best One

V. CONCLUSION

The proposed system overcomes the manual scam/ford issues. Optimizing the public online records because system isa new idea which reduces the unwanted spending of manpower and time. Automated filtration technique is an innovative idea here. Customers have easily get the idea of where we need to go and what we are going to see because they already finished 90 percent process through our system and just they need to check the quality and facilities of the bus.

VI. FUTURE WORK

In case if the customer lost the User ID or Password our system is ready to give those details to the user because it is maintained in the private cloud. But by processing some security actions such as getting mobile number from the client and message to the same number like OTP, and it gives User ID/Password after verifying the OTP.

If the user is not satisfied by the given details he can also get next 15 agency details from our system through sending request again. But again this process takes 24 hours to done.

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