An Automatic Email Framework with Web Site outage Check and One Time Positive Identification Generation

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Abstract: - **The undertaking "An Automatic Email Framework with Website Outage Check and One Time Positive Identification Generation" is provide arrangement on the varied problems on the location. QueryHome is fundamentally a Question/Answer web site that can provide the solution for the user problems. The Automatic Email Framework will use to send Emails to varied users of the location to urge the solution of the inquiries. It will decide some arrangement of inquiries from the location and send the inquiries to the users Email. Clients will faucet on the inquiries to answer the inquiries. The Email has unsubscribed catch; the client will unsubscribe messages from the web site. QueryHome will provide stage as the declare numerous web sites then web site Outage Check is exceptionally valuable instrument to tell apart the server reaction of any site. The instrument will check the reaction of the server. On the off chance that web site is in blackout the framework can send Email and Text message to user. It is exceptionally valuable to examine and ensure the client before provide administration, the One Time Password Generation is useful equipment to tell apart the users of the location. It will send a special secret word to user and match the watchword with created secret word. On the off chance that each secret key matches it can check the user.**

Keywords: **Automatic Email Framework, Web site Outage Check, One time Positive Identification.**

I. INTRODUCTION

An Automatic Email Framework with web site Outage Check and One Time positive identification Generation is the procedure to advertise the website content to add more users to website the purpose of this to solve the issue with the promotion of data and share the content of the website. It will provide the interface to website to interact with other users and ask them to join the website and in the email there is some set of questions that will from different section like General knowledge, Entertainment, Sports and Technology. User will click on the link to answer the question and solve the problem of other users.

The Website outage check is the process of checking the response of the server for the particular website where we have allocated licences to the users to use our services. If the server of the website is getting down then it will send a mail and SMS to particular user mobile number. It will notify the user about the server is getting down and they need to solve the issue about the server. It will check the response of server is 200 Ok then it is working fine or else website is down. The generation of one time password is the process of creation of a random password to verify the user's that is going to register with the website. In this one function will create a random password that is unique for all and we will send the password to particular user's mobile number then user will get the password via SMS using an SMS service provider. After getting the password by the user they have to enter the password into the text box. The website will fetch the value from the box and match the value with the password which we have created here. If the password will matches with entered value website will save the username.

Activities	Month					
	Jan-16	Feb-16	Mar-16	Apr-16	May-16	Jun-16
Requirement Specification	Synopsis, SRS Submission & 1st & 2nd Seminar					
Analysis & Designs			Design Submission & 3rd Seminar			
Coding				Project Demo & Testing report submission		
Testing & Maintenance						Final Report submission

Fig. 1 working time line of system

"An Automatic Email Framework with Website Outage Check and One Time Positive Identification Generation" is the service which will use to advertise about the website, website outage check and verify the users who is going to use website. In information technology if you develop any website you need to promote it, because user will not come directly to your website.

Then we need to give the information about the website to connect with people. So for getting the maximum number of visitors on the website we need to tell the visitors to interesting things about the website users. So we need to promote the content of the website to the users. Here we created a website promotion technique which will send email with resent information in website. It will get the information from the websites API and convert into a JSON. Using the JSON will fetch the information what is necessary for sending the users. It will convert JSON data to html format and with using this we will send the html data to particular users email address. It will take emails from the database as email id and send the email. It is continuous process that will run in every two minutes and send mail to the user. Here we created a loop that will take email address by id and send mail to user using PHP mailer class. Basically here we are sending a set of questions to the user email address and asking user to answer the questions.

II. TOOLS AND TECHNOLOGIES USED

HTML
Html is a programming language which will use to create webpage. The html will create the basic visualization of the website, that will visible to end user. It is light weight language which can run on the web browser. Tag of html will open with <tag name> and ends with </tag name>. The information which you want to add on the html page you need to add that between the tags.

Linux
It is been around for the reason that mid '90s, and has following completed a patron base that traverses commercial ventures and main lands. For the ones aware of gift situations, you realize that Linux is entirely. It's to your telephones, to your autos, to your coolers, your Roku devices.

PHP
PHP is freely available/ open source scripting language which will use to develop web pages. It is having same structure as c language has. It will use on the server site of the website. It can be combined with html to develop web pages for the websites. In PHP we can embed different programming languages.

Server Aspect Scripting
This is the most normal and precept target field for personal home page. You require three matters to make this work. The Hypertext Pre-processor parser (CGI or server module), an internet server and an internet software. You have to run the internet server, with an related Hypertext Pre-processor established order. You could get to the personal home page software yield with a web software, seeing the php web page thru the server. These kinds of can keep running on your

property system within the occasion that you are truly exploring special avenues concerning Hypertext Pre-processor programming.

Command Line Scripting
You may make a personal home page script to run it without a server or application. You simply need the personal home page parser to make use of it thusly. This type of use is best for scripts mechanically performed using cron (on *nix or Linux) or mission Scheduler (on windows). These scripts can likewise be utilized for sincere content coping with undertakings. See the place approximately Command line utilization of personal home page for more facts.

MySQL
MySQL is a relational database management system which is freely available which is use to store the data. It will store information . it is faster than other database we can use to store data on the database. Even bigger organization like Facebook is using the services of the MySQL to store the data of website. It will provide client/server architecture on the database and provide client to communicate with the server. The client can use MySQL database on computer as server with same computer.

Java Script
JavaScript is a web programming language which will use to develop webpage. JavaScript is a client side scripting language with same structure as programming language C. it will provide required validation at the client side of the website. While uploading any information on the website it will check the data like emails, username, mobile number of the users. JavaScript will load after loading of the webpage that's way it is called as client side scripting language.

Ajax
AJAX is a web program innovation autonomous of net server programming. A purchaser can hold on the use of the software while the customer program needs information from the server inside the heritage. Intuitive and regular patron collaboration. Clicking isn't always required, mouse development is a good enough occasion trigger. Statistics-driven in place of web page-driven.

JQuery
JQuery is a JavaScript toolbox intended to rearrange special undertakings by way of composing much less code. Right here is the rundown of imperative centre elements bolstered by using JQuery. The JQuery made it simple to pick DOM additives, navigate them and adjusting their substance by using utilising pass-program open supply selector motor known as Sizzle.

Apache Server
The call "Apache" was regarded over admiration for the local American Indian tribe of Apache, understood for their

universal abilities in combating technique and their unlimited continuance. It moreover makes a captivating play on phrases on "a sketchy internet server" - a server produced using a progression of patches - but this changed into not its source. The collection of engineers who discharged this new programming quickly started out to name themselves the "Apache organization".

III. EXISTING SYSTEM OF E-LEARNING SYSTEM

Currently different - different websites will allow users to ask the questions, get the answer on the questions. QueryHome will provide an interface to get the best answer on the questions user have. It other website they will not allow users to get exchange the information. In QueryHome we will allow users to ask question on the website and connect with the other users of the network. Users can follow other users and can send personal message to users. QueryHome will allow user to comment on the question and vote if they like the question. It will allow user to post the on the other user wall. In website we have feature that will rank the user. Website will add points in user accounts. The user will get ten points if users ask any questions on the website, twenty points to answer any question. If the user will participate in this he will get different privileges like modify the question, modify the answer of the question based on the ranking of the user. In the system we allow user to vote on the different questions and articles.

In the existing system we allow users to write articles on the area of their interest. In the existing system we have some sub domains on different fields like Technology, General Knowledge, Puzzles and Entertainment. In existing system if a user want to ask the question on Entertainment and if he ask the question in General knowledge then it will not solve the purpose of asking the question and user will not get the answer on the question they are having.

IV. PROPOSED SYSTEM

The proposed system is the solution on all the problem that are in the existing system. It will provide the solution on the different. In the new system we will send the emails to different users to get the answer on the questions. It will pick some questions from the JSON and convert it in the html format to send by mail on the users mail address.

The proposed system will send the notification on the different customers email ids and mobile numbers. It will check the outage of the website URL and notify the user about the website. We are going to add the new feature that will check the user identity on the system. It will send a text message on the users mobile and match the password of the user to verify the users in the website. The proposed system will be use system as the services to the different users. It will provide a platform to customer to start there on community. It will allow them to use the platform of the company

The platform of is based on the model where change in the existing system is easy and it will stored in a structure. We are developed a system where, if the question of the user is posted in different section then it will move the question/ article of the respective section of the site. The proposed system will create a system where site can find out that the customers which we have providing services there URL is working or not. Will check it with server response 200 ok, if the site response is 200 ok then the site is working completely fine and if the response is not 200 ok then the system will send an email and text message to the user to notify him about the problem.
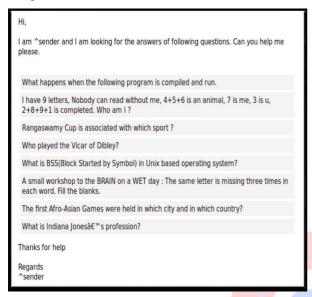
V. IMPLEMENTATION

Implementation is the phase of end users where we are going to introduce the conceptual system into the real world. This phase include users, administrator, developers to come to solve the problems.
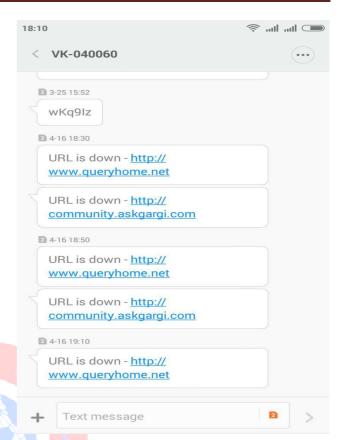
MODULES

A. **Email Automation Framework:** Email automation framework will use to send the mail to different users. It is basically a continuous process which will send some
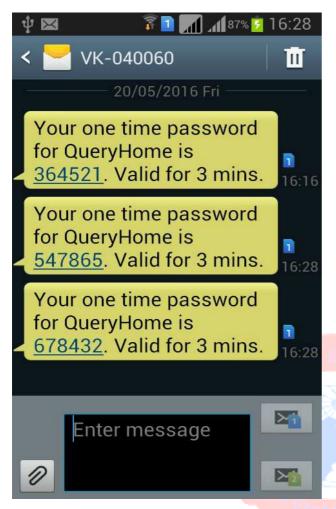
set of question to user's mailbox. All the work will be done by Admin; the work is not possible for other users. It will pick some set of questions from the website and send the questions to different users emails address. User can click o any question and they can eligible to answer the questions.

B. Website Outage check: Website outage check is the process of checking the website is currently working or not. It will check the website is down or not. If the website is down this will send Email and SMS to the particular user's mobile number. The whole process is to check the website is down or not, sending mail to the user email id to inform him/her about the server is down Or your website is not working. The mail will have some message that will notify user to resolve the errors which are coming in the server. It will send SMS on the client's mobile number and notify him/her about the server issue.

C. Onetime Password Creation: One Time Password (OTP) technology is used to identify the user. The website will take the users mobile number and it will send a random password to the user via SMS. The random password will be created using a function that will return a random string. Then will send the random string to the user's mobile number. The user will check the password and fill the password in the text box at down press enter. If the password is matches to the random string which we have by SMS then it will match the case. If the password is not matched with the random string which we have sanded by SMS then it will redirect the user to main page.

is a simple process and provides the best interface to user to work with the website.

The objectives accomplished by the framework are:

- It will invite users to join with website.
- Provide the best way to engage people.
- Notify customer about server response.
- Only trusted user can register.
- Answer the users query in different fields.
- Allow users to writing articles, based on interest.
- Provide best interface to use Website.
- User can ask question on their interest.

VII. FUTURE ENHANCEMENTS

QueryHome is the fastest growing question/answers website, in which users can ask the questions, post the information on the site. QueryHome will provide an interface to express the opinion of different users. Now we have around one thousand unique visitor per day we want to extend it to one lake. QueryHome is going to provide best solution for different companies to know user opinions .We will provide a community platform to customers they can use the services to know the user opinion about the product they have developed. QueryHome will provide users to give the answer of the question.

- They can vote on the questions, comments on the answer of the questions. It will provide the users to send individual message to different users of the website. Here user can manage their time line on the website.
- Company is planning to come as the Application. Users can download the application from the Google Play store.
- QueryHome is currently working with Technology, General Knowledge, Puzzle and Entertainment. We are going to add two more services in the existing website Sports and Business.
- Here we will answer user questions on sports and business. We will make a team of experts they will solve the problems of the users.
- Adding more people to website.
- Developing the mobile application of the company.
- Company will add GCM services for desktop notification.
- Provide best community platform to other company.
- Create linkable profile for the users.
- Develop a new platform to get the best answers.

VI. CONCLUSION

The system will provide the interface to the website to connect with the user and resolve the problem of the users. The system will use to connect with other users and engage with the other users. It is use to allow user to connect with the website and provide user to answer the questions, writing articles on different topics and in different fields. In the system will use by other customers that will use the services that are provided by the website. It will provide an option to user to unsubscribe the email from the Website. The website have feature to notify the customers about the server response. It will send an Email and SMS about the server response to the customer's mobile number. It will get the customer details from the database and send the email and SMS to customer. OTP generation facility provides the website admin to identify the genuine users of website. It will send a password to user's mobile number and the user will enter the password to the password box and user will click on the ok button. It will match the password with the random string and if it's matches then it will save the data of the user and save the user as verified user. And the user name and password will save into the company's database. It

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