Online Payment Gateway and Social Media Plugin and Integration

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Abstract: - **All day's technology is booming on top. And today every individual is depends on increasing technicalities and internet. Because of this intelligence and technology, we also going fast and developing more than expectations. Since, technologies are playing the important role in any even almost every process and work that is being carried out. Human being always wants to save theirs crucial times using all these available resources. Internet banking is dalliance a fateful preamble in busy program of human being and competitor of business. Today's every business organizations and learning institution implementing the online payment system in theirs excels to carry out fast work and progress. The transaction gateways act as an arch amid the user's website and the banking sectors that action the transaction. Gateways system is the special transactions between consumer and net browser. A cost gateway validates and passes the cost. A web E-commerce payment gateway is a vital infrastructural factor to make sure that such transactions occur without any hitches and in complete protection over the networks.**

Social media changed the walkway of correspondence that individuals share the data on web. For websites developers, social networks like twitter, LinkedIn, Facebook, Google, presents an opportunity for spreading information to reach thousands of people immediately. Behind search engine traffic, I have reached that social media traffic is the largest way of users and visitors reaching the websites and sharing the knowledge with others. In parallel to the social media, with the continuous growth of the mobile technique users, brand owners are being faced with the challenge of integration with their clients.

Keyword - **E-learning, Generating Reports, Cloud Computing, Video Conference**.

I. INTRODUCTION

In this 21 century, education tract becoming most important. Government is heading towards the education system to educate the people. If people will become educate we Indians will become the fastest growing country. So, technologies playing a resuscitative role in various sector such as education,

banking, and hospitality and so on. In this proposed system, we are using tools and technology that will help to educate people from one place.

Now a day various institutions are opening in huge numbers. Every ones scarcity makes theirs level high. So they are using the high technology that is available. To use this proposed system, user has to register with a valid E-mail ID. User may be an instructor or a student. If any instructor wants to instruct any subject lecture, then they have to create a course. Before that instructor has dub up using the given payment tract in this proposed system. If instructor wants teach the particular subject without any fees he can do. Various type of course are available, may be any IT and service based. After creating the course, instructor will upload the content on his account either as a video demo or PDFs all lecture. If instructor want to teach online he has send a request to the admin. After admin approval the subject will be display on the website. If there is any misleading content, admin will not approve it. After approving the course instructor can start to teach the student either online or offline by sending the lecture notes to the registered student.

| ACTIVITIES	MONTHS				
	JAN	FEB	MAR	APR	MAY
Requirement Specification	Synopsis, SRS Submission				
Analysis and Design		Design Submission			
Coding			Project Demo & Testing Report Submission		
Testing and Maintenance					Final Report Submission

Fig. 1 Working Timeline of System

On the contrary, if user is a student, they can register by using social media id or using their personal E-mail ID. After

entering the details user will get an activation link to registered E-mail ID. Till user will not activate given E-mail ID, he will be a temporary member. After activating the given E-mail ID their data will be removed from the temporary data and automatically will insert into the registered members. After successful registration user can learn any courses of theirs. If any coursed is not available, so they can request that particular course. And admin will show that particular courses for the instructor that they can register and teach those courses. If any instructor is available for that particular subject then admin will show the course and the user who has requested will get an E-mail for conformation. Online payment is becoming very easy and fast for the business men. In this system I have used PayUmoney payment gateway for online payment. PayUmoney is most frequently used in India and it is very immoderate transaction gateway. Before doing the payment users have to logging through the user E-mail ID or using different social media account like Facebook, Google+ and LinkedIn. Afterward, in this system appropriator can create their dashboard. Later user can change their profile picture and password. If user wants to join any course available in this proposed system. He can flock through paying the exact fees of the course.

II. SYSTEM DESIGN

This phase describe all about the system functionality. It also tells to developer all the requirement. System perspective is the phase of pre-requisites of system. Before developing the proposed system, developer needs to identify the problem definition, user requirements, and existing environment of the proposed system. If there is any existing environment of the proposed system, developer has to detailed study that. System perspective phase defines all available sources for proposed system. System perspective defines the architecture of system, module of system, system workflow and so on.

III. TOOLS AND TECHNOLOGIES USED

PHP
It is a scripting language embedded with HTML. Most syntax in PHP is borrowed from other language such as JAVA, C, and Perl with a unique couple of features added to it. Basically PHP is used for web development most social site such as Facebook using PHP. PHP refers as Hypertext Preprocessor.

HTML
HTML refers as Hypertext Markup Language. In web development it is very useful to design the pages. It has two types of extensions one is .htm and another one is .html both are used for HTML web page.

JavaScript
JavaScript is used to extend the functionality of the website. It provides more effectiveness in the web site. Using JavaScript we can create dynamic as well as static pages in the web site.

MySQL
MySQL is an open source relational database management system that uses the basic structure of SQL. It is suited with the all the platform. It is becoming the leading database of web users.

IV. EXISTING SYSTEM

In existing system user used to register in any website using their personal email id and mobile number. This is the long process to register and get admit. Users also use a hard copy registration form to get admit.
In existing system user were using bank desk to deposit or credit. For transferring money they use to fill deposit slip. Customer transaction record in register that means transaction was doing manually. It was taking time for the customers to any transection. Data was recoded in registers so data security was less.

Drawback of Existing System
- Less security
- Time consuming
- More data loss chances
- Every time has to fill the registration form to get access of any credentials.
- For publicity, we used advertisement through the newspaper.

V. PROPOSED SYSTEM

In this proposed system there is the facility to admit in website using various social networking sites such as Facebook, Google+ and LinkedIn. This proposed system also provides the facility to admit using their personal email id. After successful registration user can go through in the whole website.
Also in this proposed system, we are providing online transaction to the user which is helpful for fast transaction. It is also helpful for transferring payments from one account to another account. This proposed system is using secure transection using SSL security mechanism. This mechanism is more secure for payment gateway.

Advantages of Proposed System

- Fast transaction
- More secure
- Less chances of data loss
- Less chances of incorrect transaction
- Login in single steps
- Publicity is easy using social media

VI. IMPLEMENTATION

Implementation is the process, how to put the proposed system into the real world. For this proposed system I have go through with various phases and team member discussions to come up to this stage. First of all I have seen the problem statement, after that discussed it for the real world existence either it is possible to develop or not. Various pre-requisites also have follow for this proposed system. I have examined available resources. This proposed system has the following factors to implement the user requirements.

MODULES

A. Signup Module
User will sign up using their E-mail ID. User will enter the required data. System will check that if user already registered or not. If registered it will not accept that E-mail ID. If this E-mail ID is not registered if will send an activation link to the entered E-mail ID. After that user has to logging to the provided E-mail. By clicking the activation link user data will delete from the temporary table and insert into the registered member. Now user becomes the permanent member in the system.

B. Forgot Password
In this module if user forgot their password then he will provide the registered E-mail ID. System will check either provided E-mail ID is exists. If exist then it will fetch the respected password and send to the registered E-mail ID.
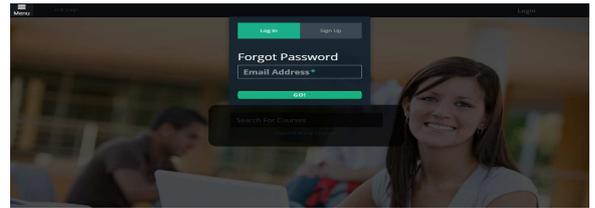
C. Login Module
In this propose system user can login with various ways. If user is signup with their E-mail ID they will login theirs login credential. If user login with available login social media ID, so they can login with social media. Social media users has different table in the database. There is no need to send mail to users. So user's data will store in the database. Now if user wants to again login, they are able to login directly as others sites providing user login credential using social media.
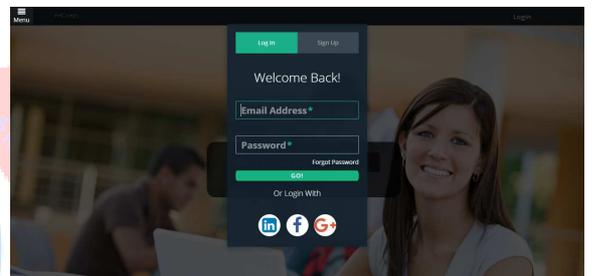
D. Payment Gateway Module
PayUmoney APIs is mostly using in India. For payment transaction we use debit card method and e-banking system. If user wants to pay money for any paid course they have to register in the system. After login into the system, users details will inserted into system database except the users card pin and password.

E. Social Media Plugin
Social media plugin used to publish a particular course. If user is not register, they have to register into the system. After registering they can like and share even they can comment on the particular courses.
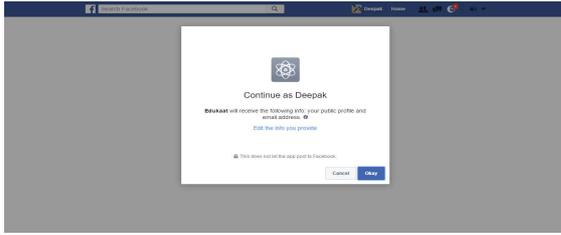
VII. CONCLUSION

Conclusion is the final flank of any developing software. Conclusion gives the decisive result of product. Objective to develop this proposed project is to bring the life parallel with time.

I have used various social media plugin and integration as well as payment gateway in this proposed system to be benefitted.

Benefits:
- Guarantee for security mechanism.
- We can fill all types of bill like electric, tax etc.
- Giving fast transaction facility in contrast to the traditional banking system.
- Less service charges is apply to clients.
- We easily integrated the payment method for user use only.
- Using social networking individuals can go with only one id. They can use single user login where they need.
- User be able reach globally.
- Using social-media we can be flexible to promote our sites
- Cross linking through internetworking blogs, and even other social-media properties
- Using social media we can reach to target easily doing publicity.
- Using social networking we can get fast response and in defined time periods.

VIII. FUTURE ENHANCEMENT

The proposed system has covered almost all the requirements. But we think all the aspects are not covered in a single project done by any developers. In this proposed system we can enhance in future as:
- Mobile OTP for system security.
- Mobile banking by using mobile application.
- Other social media login can be implemented.
- Captcha based login
- Call for login confirmation.
- Internet banking using user name and password.

- Latest alert message to the registered member using mobile number.

IX. REFERENCES

[1] Steven Holzner, "The Complete Reference PHP", TATA McGraw Hill Professional.
[2] Peter Moulding, "PHP BLACK BOOK", Wiley India Pvt. Ltd.

[3] Dt Editorial Services, "HTML5 BLACK BOOK" 2nd Edition, Dreamtech Press.
[4] Vikram Vaswani, "The Complete Reference MySQL", TATA McGraw Hill Edition.