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QUBLOGGER

A Report for the final year project

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IN

COMPUTER APPLICATION

SCHOOL OF COMPUTING SCIENCE AND ENGINEERING

Under the Supervision of

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SCHOOL OF COMPUTING AND SCIENCE AND ENGINEERING

BONAFIDE CERTIFICATE

Certified that this project report **"QUBLOGGER"** is the bonafide work of **"Arpit kukreja (18SCSE2030056) And Vishal Kumar Rai (18SCSE2030038)"** who carried out the project work under my supervision.

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Abstract

Qublogger is a website where user can write and share their views/knowledge/experiences etc as a blog. Qublogger is going to available on website mode for users with mobile devices. Users can post and edit blogs, and also share photos and links on Blogger through their mobile devices. Before talking about Qublogger first we know about what is blog. The purpose of using Qublogger and writing blogs on it could be promotion of a product or service, awareness about social issues, information sharing about any subject or purely passion for writing. There are many blogging platforms like bloggers.com, blog.com, quora.com, wordpress.com etc. there are many types of blogs like technical blogs, travel blogs, blogs for promoting a product or service, awareness about social issues, information sharing about any subject etc. It is going to help a reader to gain knowledge related to any particular subject and it will also going to help a bloggers to earn money by publishing ads on their blogs. It also comes with an extra feature of Quiz-up in which user can give time to time quizzes to check their skills and also increase their IQ. They also get the facility to read an article related to each question. On the basis of quizzes completed the users get points and on the basis of points the rank of the user will be upgraded.

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1. INTRODUCTION

1.1 Qublogger

Qublogger is a website where user can write and share their views/knowledge/experiences etc as a blog. Qublogger is going to available on website mode for users with mobile devices. Users can post and edit blogs, and also share photos and links on Blogger through their mobile devices. Before talking about Qublogger first we know about what is blog.

1.2 Blog

A blog is a type of website or part of a website. Blogs are usually maintained by an individual with regular entries of commentary, descriptions of events, or other material such as graphics or video. Most blogs are interactive, allowing visitors to leave question and even answer or message each other via widgets on the blogs. Many blogs provide commentary or news on a particular subject. A typical blog combines text, images, and links to other blogs, Web pages, and other media related to its topic. A blog features diary-type commentary and links to articles on other websites, usually presented as a list of entries in reverse chronological order. Blogs range from the personal to the political, and can focus on one narrow subject or a whole range of subjects. Many blogs focus on a particular topic, such as web design, home staging, sports, or mobile technology. Some are more eclectic, presenting links to all types of other sites. And others are more like personal journals, presenting the author's daily life and thoughts.

Generally speaking (although there are exceptions), blogs tend to have a few things in common:

- A main content area with articles listed chronologically, newest on top. Often, the articles are organized into categories.
- An archive of older articles.
- A way for people to leave comments about the articles.

- A list of links to other related sites, sometimes called a "blog roll".

1.3 Blogger

A blogger is a person who owns or runs a blog or a person who maintains the blog. That is, posting articles or new posts, information, sharing the most up-to-date news, opinions and case studies to name but a few. Such entries are known as blog posts

1.4 The Blog Content

On a blog, the content consists of articles (also sometimes called "posts" or "entries") that the author(s) writes. Yes, some blogs have multiple authors, each writing his/her own articles. Typically, blog authors compose their articles in a web-based interface, built into the blogging system itself. Some blogging systems also support the ability to use stand-alone "weblog client" software, which allows authors to write articles offline and upload them at a later time.

1.5 Basic – a few Blogging Tips

Starting a new blog is difficult and this can put many people off. Some may get off to a good start only to become quickly discouraged because of the lack of comments or visits. You want to stand out from this crowd of millions of bloggers; you want to be one of the few hundred thousand blogs that are actually visited. Here are some simple tips to help you on your way to blogging mastery.

- Post regularly, but don't post if you have nothing worth posting about.
- Stick with only a few specific genres to talk about.
- Don't put 'subscribe' and 'vote me' links all over the front page until you have people that like your blog enough to ignore them (they're usually just in the way).
- Use a clean and simple theme if at all possible.
- Enjoy blog for fun, comment on other peoples' blogs (as they normally visit back).
- Have fun blogging and remember, there are no rules to what you post on your blog!

1.6 Types of Blogs and Bloggers

1. Personal Blogs-These were people who wanted to take their daily journal online to share their experiences, feelings, and innermost thoughts with an audience.

2. Business Blogs-Business bloggers are those who blog for their business. That could be a business they own or company they work for. The business blogger's goal is to gain more exposure, traffic, and ultimately customers for their business.

3. Professional Blogs-Professional bloggers are those who blog to make money online. In other words, their career goal is to earn a salary through their blogging efforts.

4. Niche blogs-Some of the niche blog ideas might be food blogging, training programs with your own weight, poems writing, as well as French bulldog lovers.

5. Reverse blogs-A reverse blog has a team who moderate posts, prevents unpleasant interactions and promotes slow topics for greater interactivity.

6. Media blogs-Media blogs are defined by the content they produce. If you enjoy video blogging, then you're a logger. If you curate content from other websites, you have a link log. If you post photos or art sketches on your blog, you're hosting a photo blog or art blog.

3. LITRATURE SURVEY

Blogging has recently gained considerable interest among EFL teachers and learners as a new approach to teach writing in classroom. Blogs place a special focus on learners' writing mechanics, energize them, and provide them with greater classroom writing dynamics. Blogging is an excellent way for learners to communicate with one another in a socially based context through technology (Lamonica, 2010, p. 5). Using blogs makes learners' writing more participatory and more focused on everyday language use (Penrod, 2007; Boling, 2008; Higginson, 2009; Stanley, 2013). Research studies reveal that blogs play a considerable role in improving learner reflection, classroom dialogue and social networking (Ray & Hocutt, 2006; Khourey-Brown, 2005; Efimova & de Moor, 2005). Blogs also enhance the writing skills of elementary, intermediate and secondary school students (Glewa & Bogan, 2007; Lomicky & Hossain, 2008). The aim of this research paper is to investigate the effectiveness of online blogging for students' individual and group writing skills. The paper also explores how blogs can help students to develop their writing skills in non-traditional ways, which can in turn add a great value to writing pedagogy and methodology.

What is good about using blogs in writing classes is that they introduce the use of outside school practices of literacy (Pahl & Rowsell, 2005).

According to sociocultural theory, literacy is as a socially based practice and is mediated by a person's culture (Larson & Marsh, 2005). It can be enhanced through dialogue, discussion and storytelling. This creates self-expression and helps students discuss their ideas and then put them in writing either individually, in pairs or in a group. In this sense, blogging per se is not technology; rather, it is literacy, which underscores the strengths of authentic writing. Collaborative writing becomes a key issue at school that students should be engaged in (Boling et al., 2008). Unlike traditional methods of teaching writing skills, blogging introduces students to conversation, interaction, communication and debate before the actual writing stage. Many teachers unfortunately limit themselves to using a paper-and-pencil method to teach a writing class, but this often seems desultory (Barone & Wright, 2008). Blogging also gives students a personal purpose that makes writing more engaging than the academic critical thinking adopted by most curricula (Boling, 2008). Academic blogging provides a good environment for literacy processes of various kinds, such as critical thinking,

reflection, questioning, modeling, social practices, discussion and development, when teachers adopt it for classroom practices (Merchant, 2005; McGrail & Davis, 2011). Blogging also provides a space for writing down ideas in their embryonic stage to be refined later (Davies and Merchant, 2007, p. 170).

When engaged in academic blogging, writers can develop and nourish their community through collaboration (Miller and Shepherd, 2004). Inasmuch as humans are born with an innate desire to learn in a social setting involving collaborative practices, literacy involves all socializing practices that begin at home and are later developed by further communication with others, and blogging is a case in point (Lamonica, 2010, p. 5). When blogging is used in classroom, it helps learners to be active members of a community characterized by its constant changing rhythm, where knowledge is built up within a large sociocultural system (Larson & Marsh, 2005).

3.1. Architecture diagram

Step-1: User can read the blogs and comments by just visit the website by entering the respected URL.

Step-2: If user wants to write new blog or comment or edit blog so validation required by entering the login credentials (Username and password) if only user is already registered.

Step-3: If user is not registered earlier then need to do the registration first by entering the all details required.

Step-4: Now user can create a new blog or edit their old blog or do comments on blogs.

Step-5: If you want to check your knowledge then you can attend the weekly quiz uploaded by the admin.

Step-6: At last user can give their valuable feedback or if need some improvement then any suggestion if they have.

Step-7: Logout

Home Page (Read blogs and read previous comments and view knowledge page)

↓

Login (username and password)

↓

Write/Read/Edit/Comment on blogs

↓

Attend the quiz / view your answers

↓

Provide feedback/give suggestions

↓

View your account statistics

↓

Logout from your page
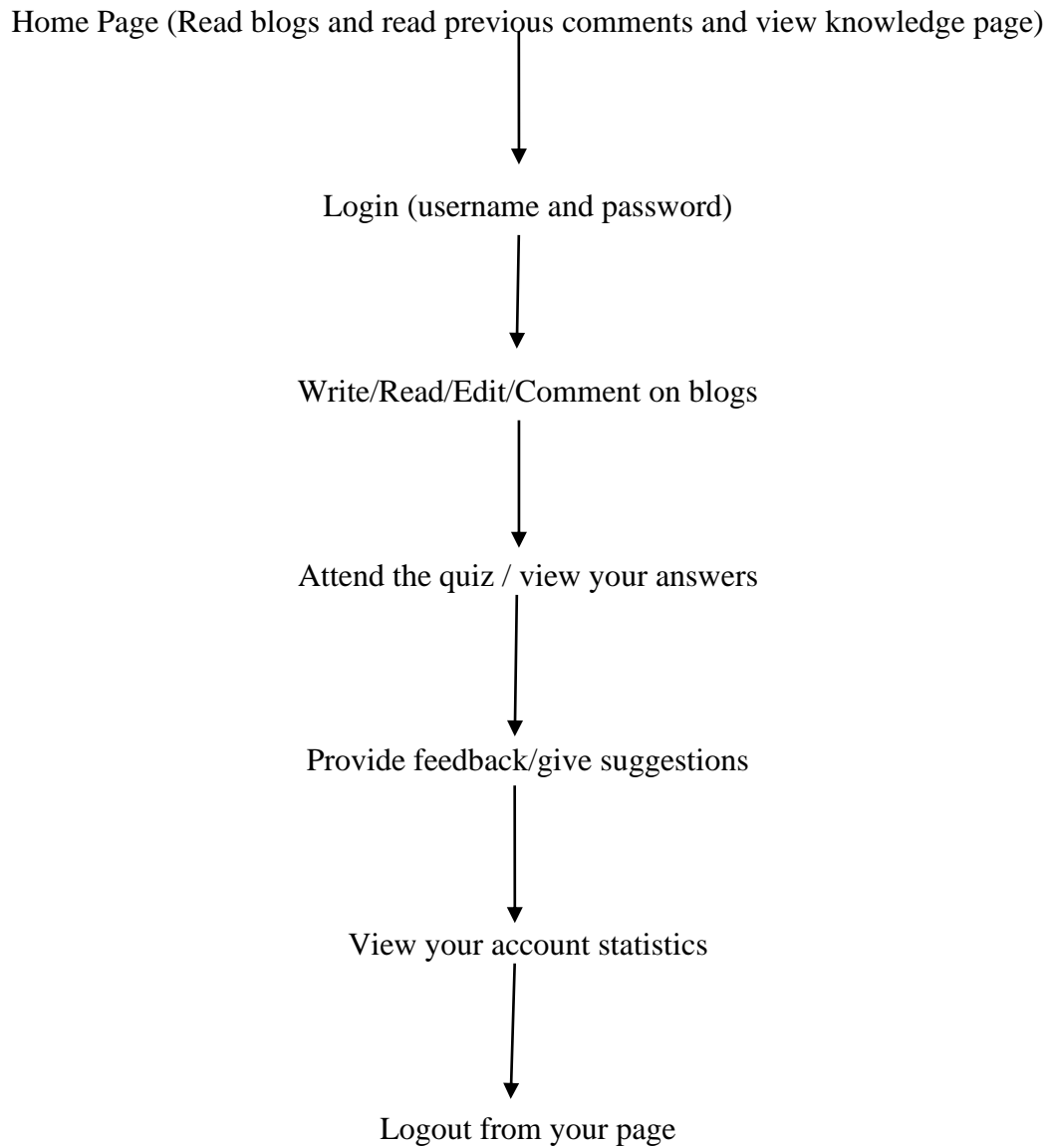
Figure 1: System Architecture

4. FEATURES

- Simple-to-use interface
- One simple ID
- One time login
- Feedback from your readers
- Attach your memories with blog
- Attract more traffic for it fresh contents
- Face the quizzes time to time
- Check your answers instantly
- Read interesting facts related to technology and current affairs.
- Send feedback and suggestions directly to admin and get instant reply.

5. TOOLS

- Notepad
- Web browser
- HTML
- CSS
- PHP
- Mysql
- Wamp Server

6. Requirements

6.2.   Minimum Hardware Requirement:

Server Side:

Processor	1.0 GHz
RAM	1 GB
Hard Disk	40 GB

Client Side:

Processor	800 MHz
RAM	512 MB
Hard Disk	20 GB

6.2. Minimum Software Requirement:

Server side:

OS	Window Server 2003
Back End	Mysql

Client Side:

OS	Window XP or any compatible OS
Browser	Internet explorer 7.0 or any compatible Browser

7. System design and analysis

7.1. ER Diagram
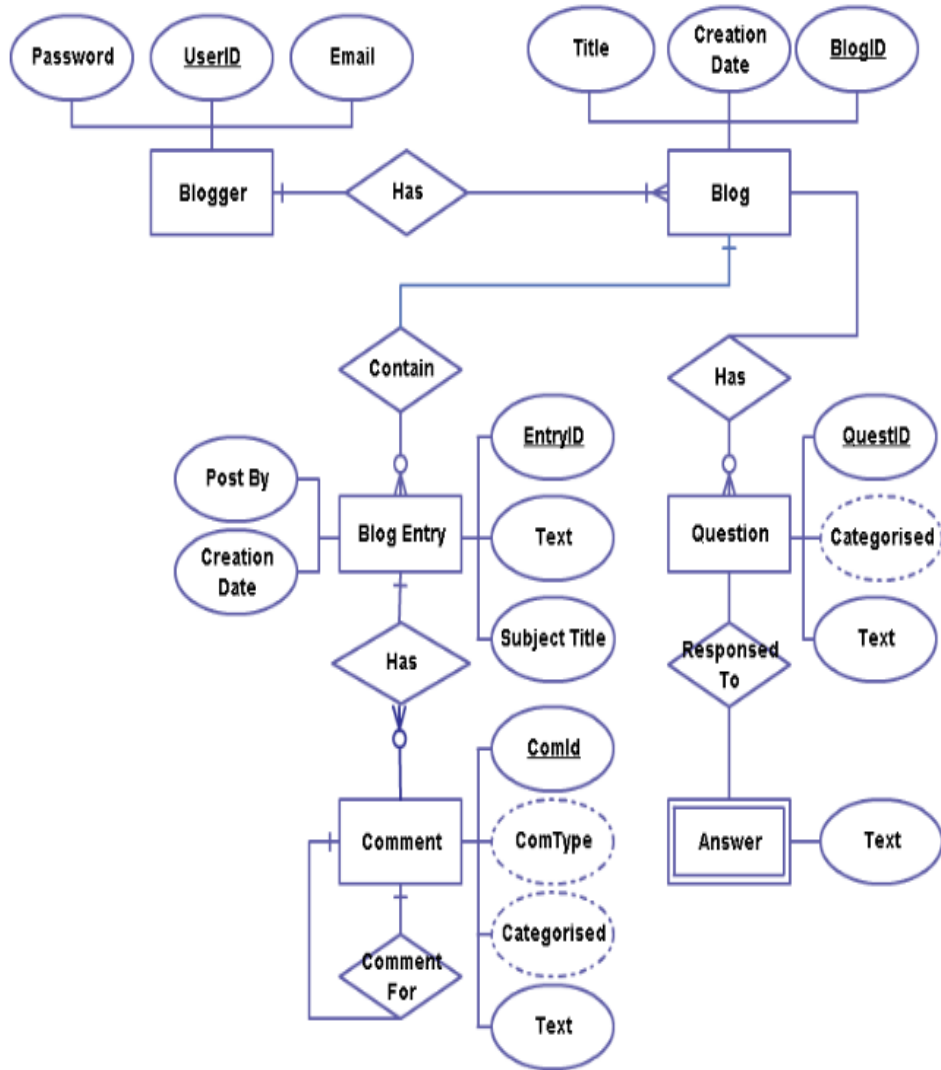
Figure 2: ER Diagram

7.2. UML DIAGRAM

7.2.1. Use Case Diagram

-
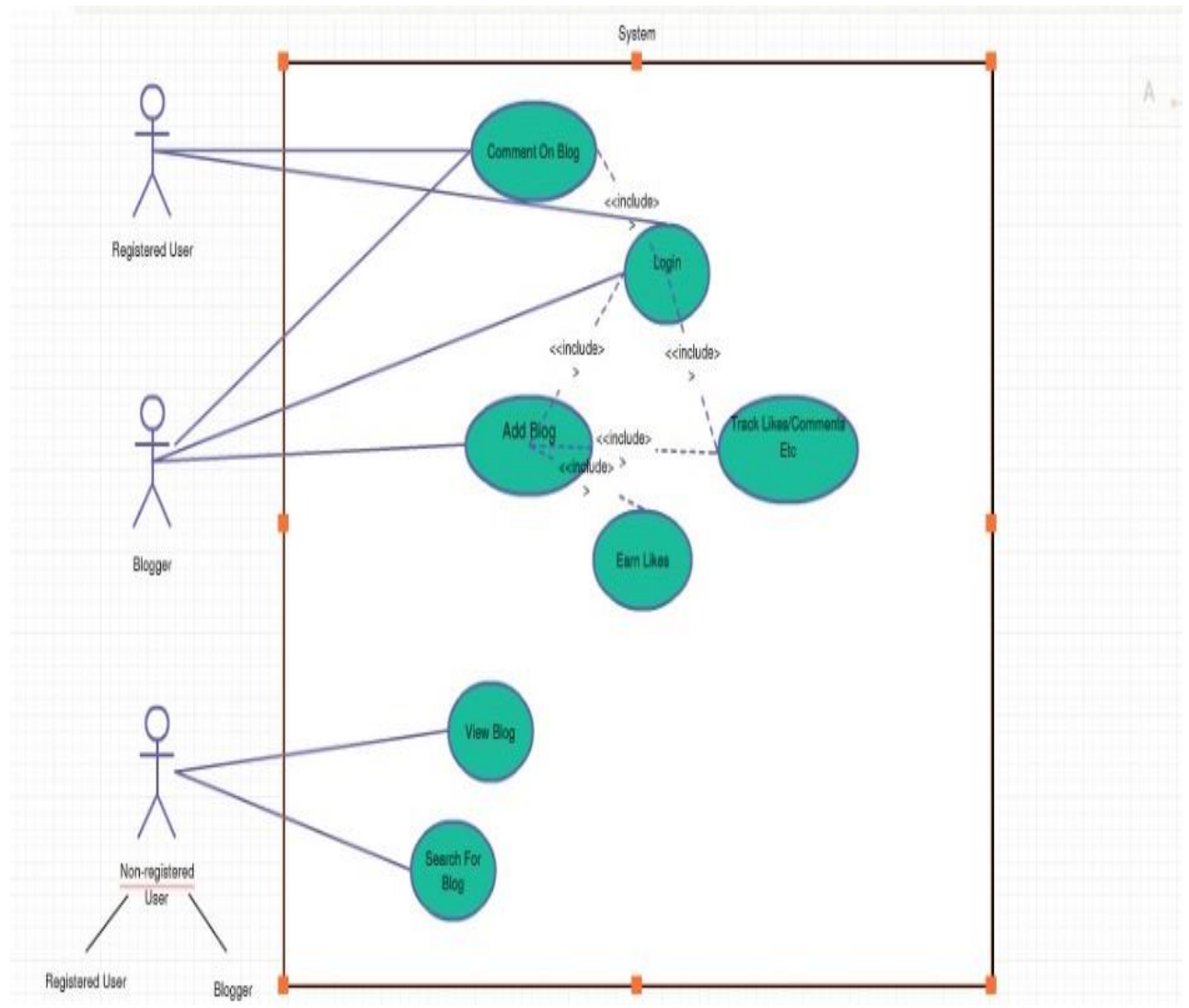
Figure 3: Use Case Diagram

7.3. Class Diagram
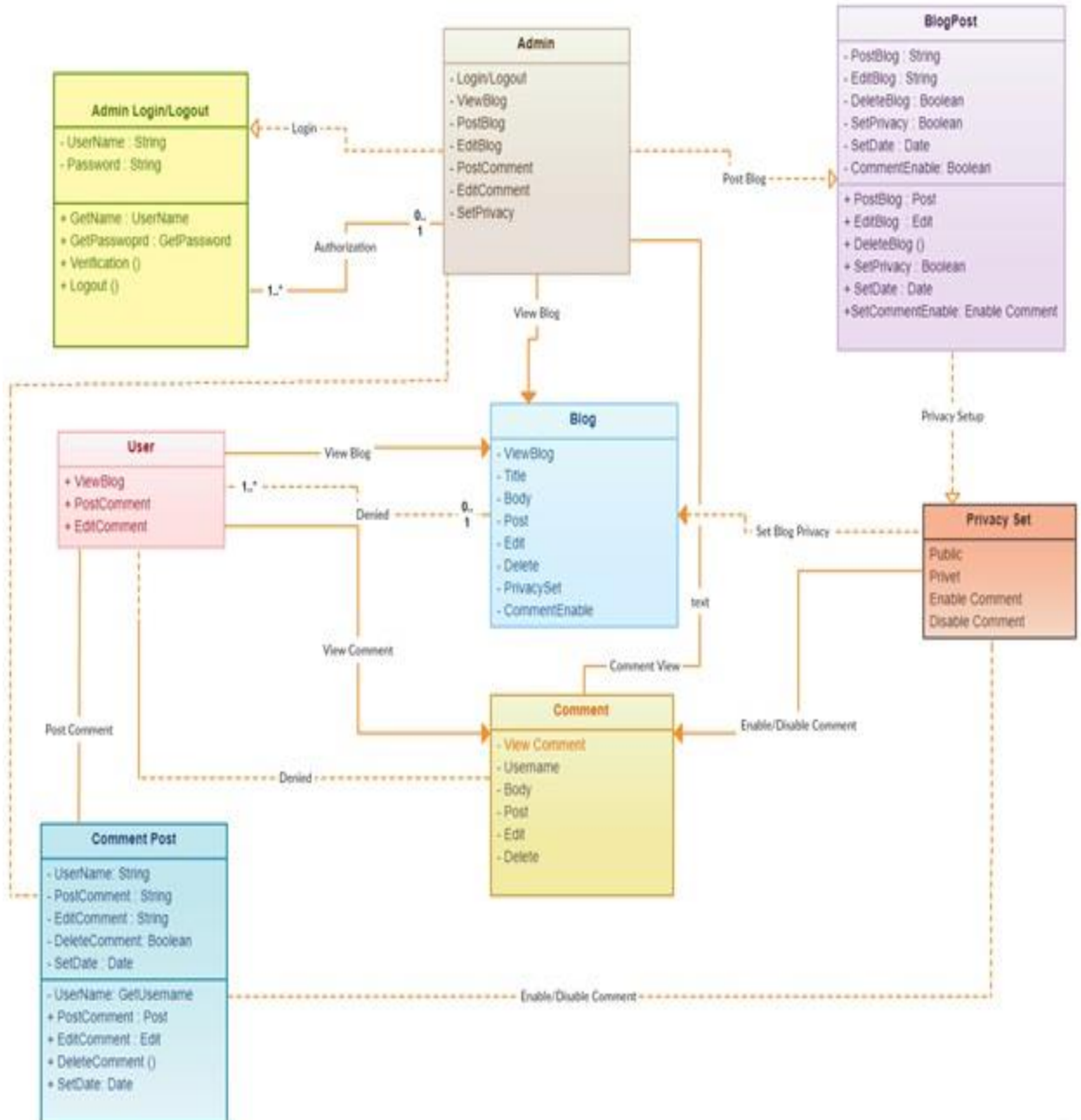
Figure 4: Class diagram

7.4. PHP Connectivity Model
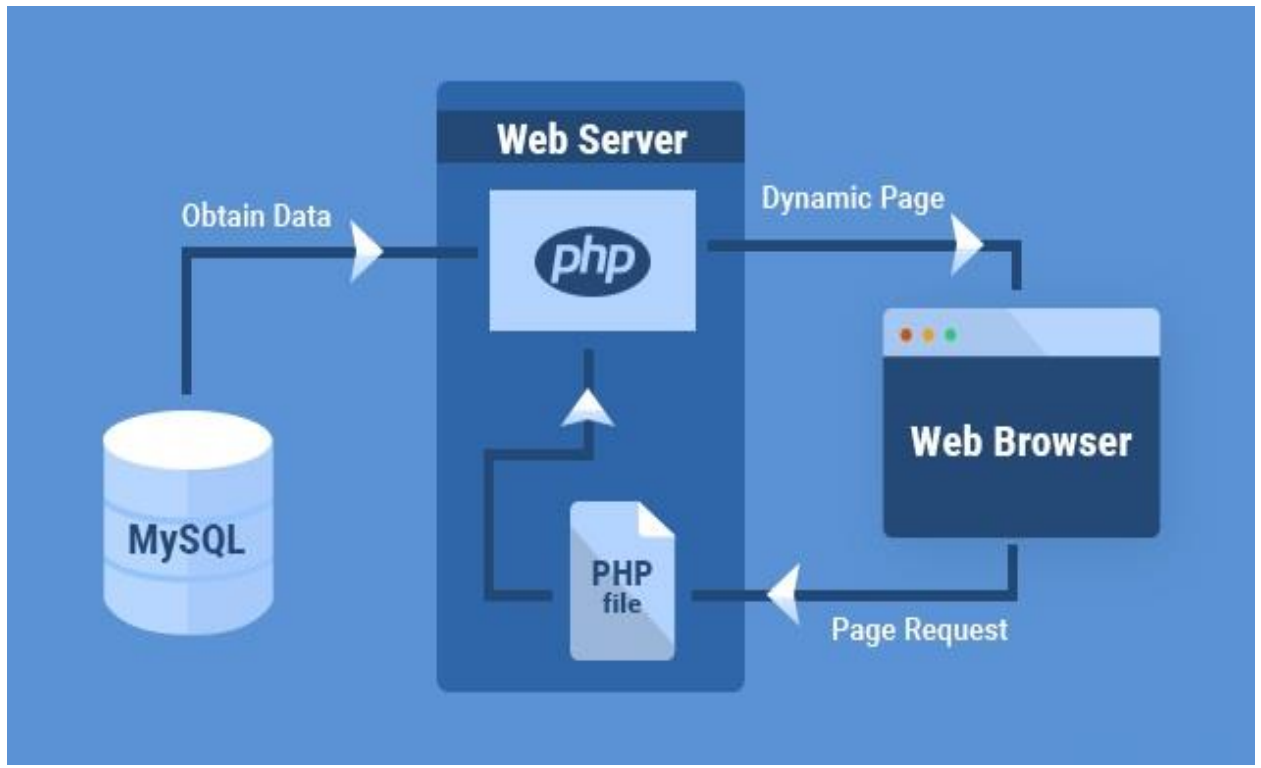
Figure 5: PHP Connectivity Model

7.5. GANT CHART

Task	Time Duration (In Days)						Total Days
	15	30	45	60	75	90	
Requirement Gathering & Analysis							15
Designing							25
Coding							40
Testing							20
Deployment & Implementatio n							20
Total							120

Table 1: Gant chart

7.6.   DFD DIAGRAM

Create blog
management

Blog management

Comment

Qublogger

Signup
management

Login
management

System user
movement
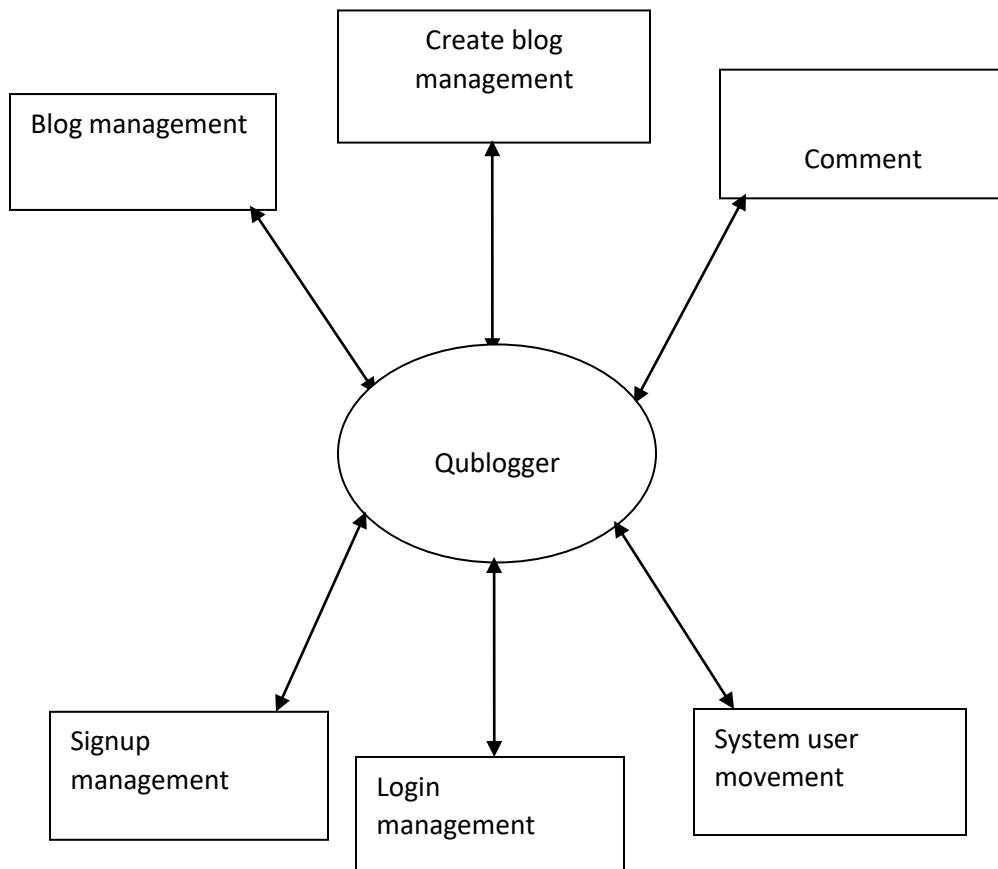
Figure 6**:** Zero level DFD

8. Figures/Tables

Figure 7: Comment on blog
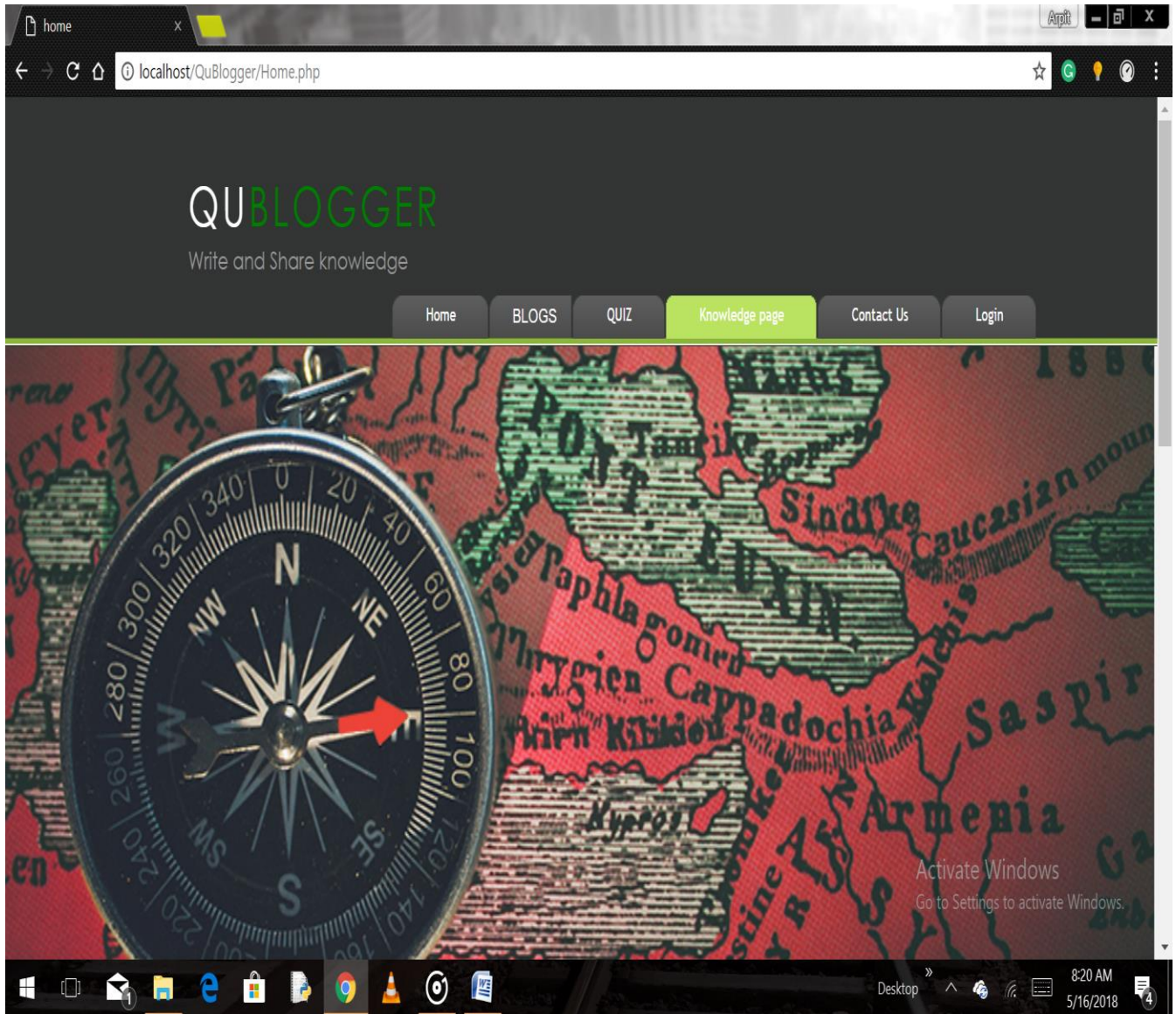
Figure 8: Blog

Figure 9: Contact Form
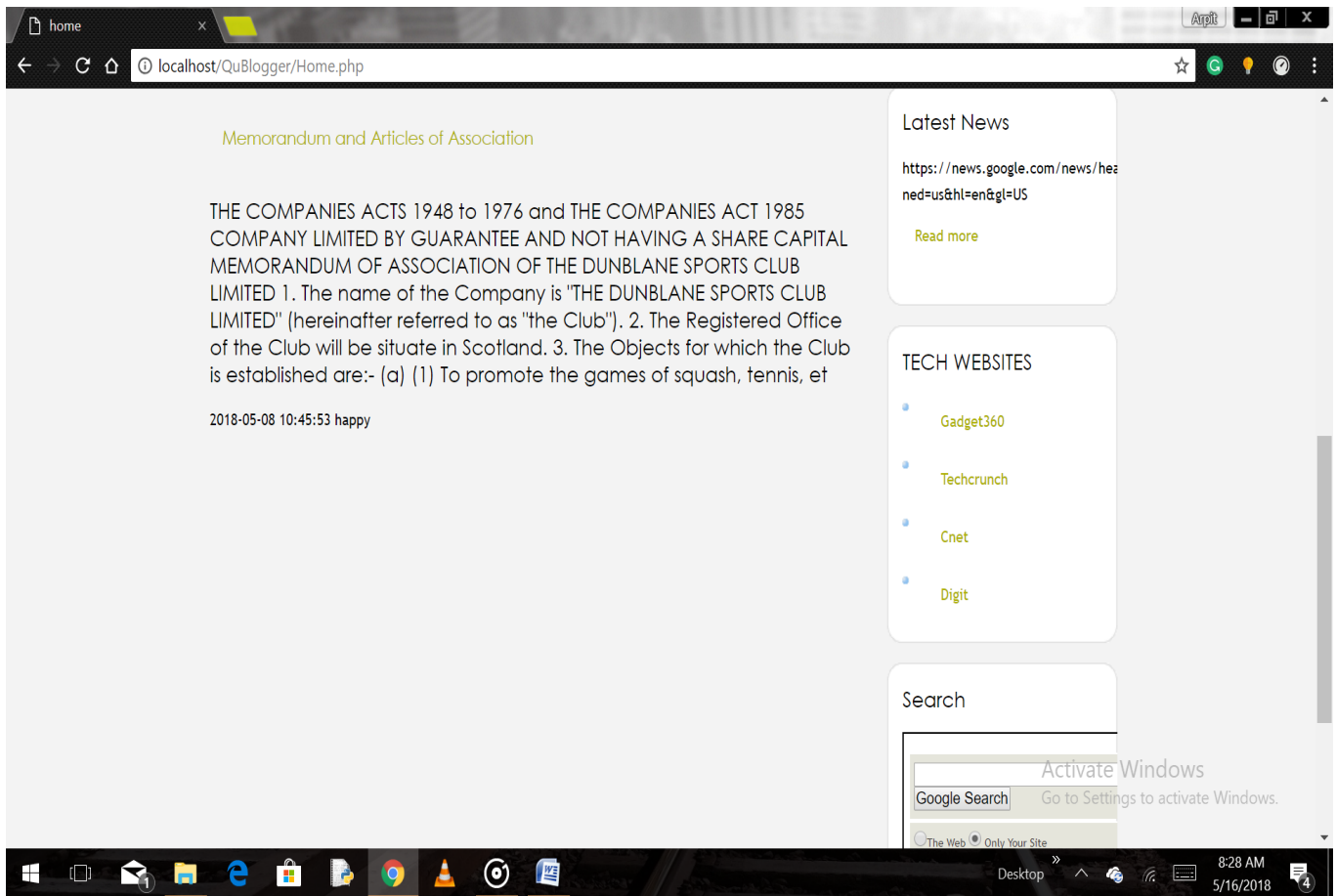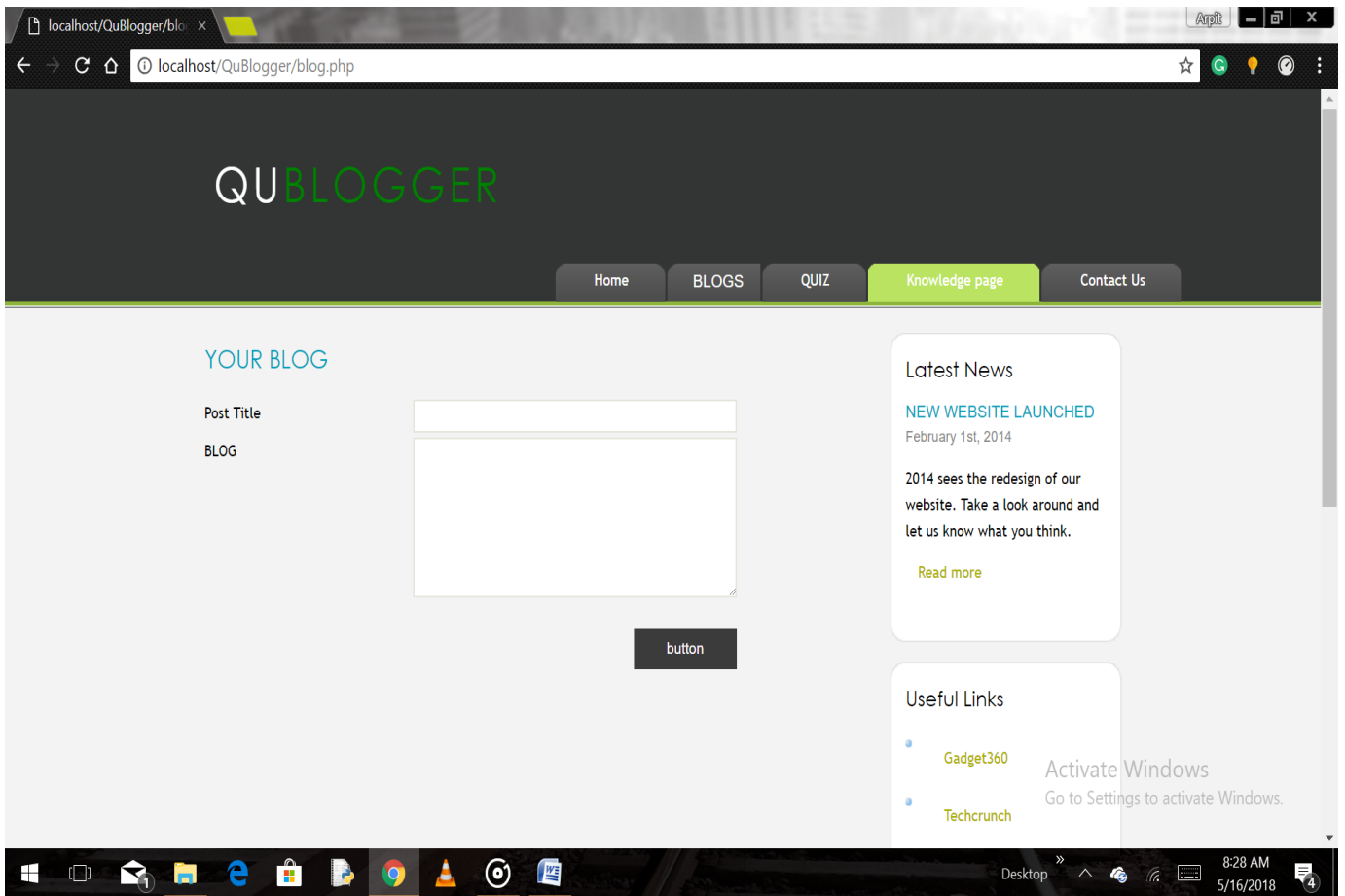
Figure 10: Registration
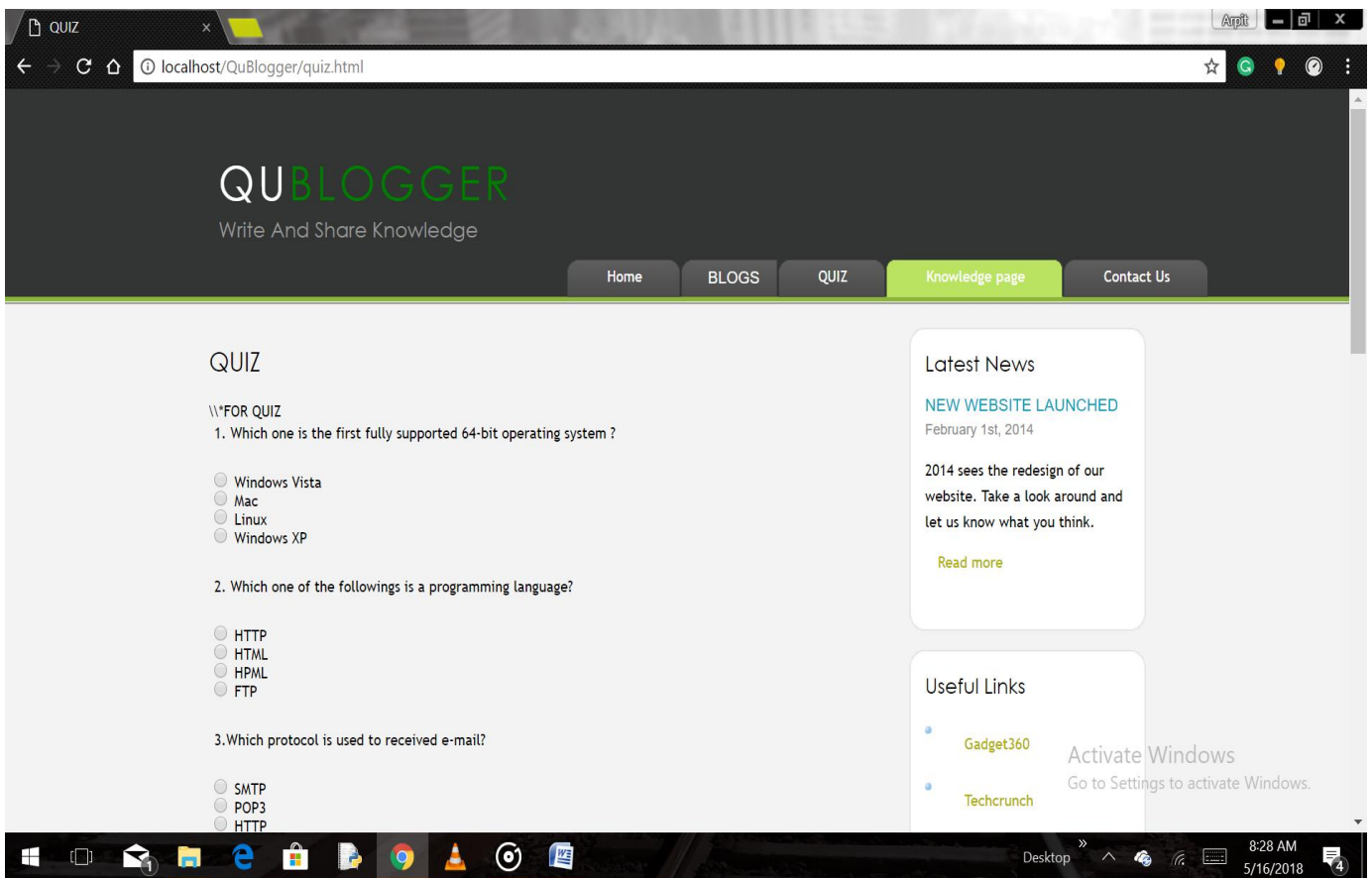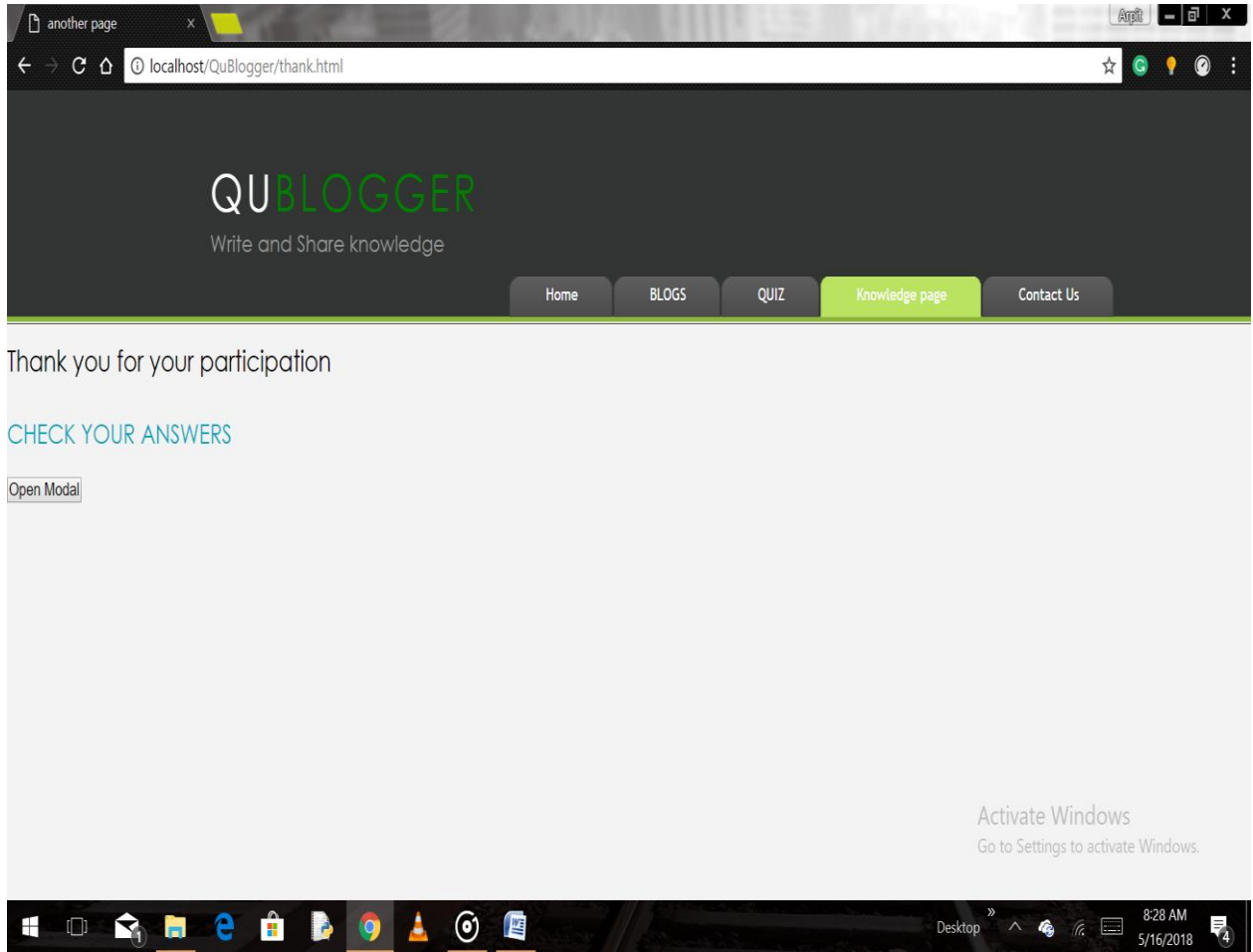
Figure 11: Homepage

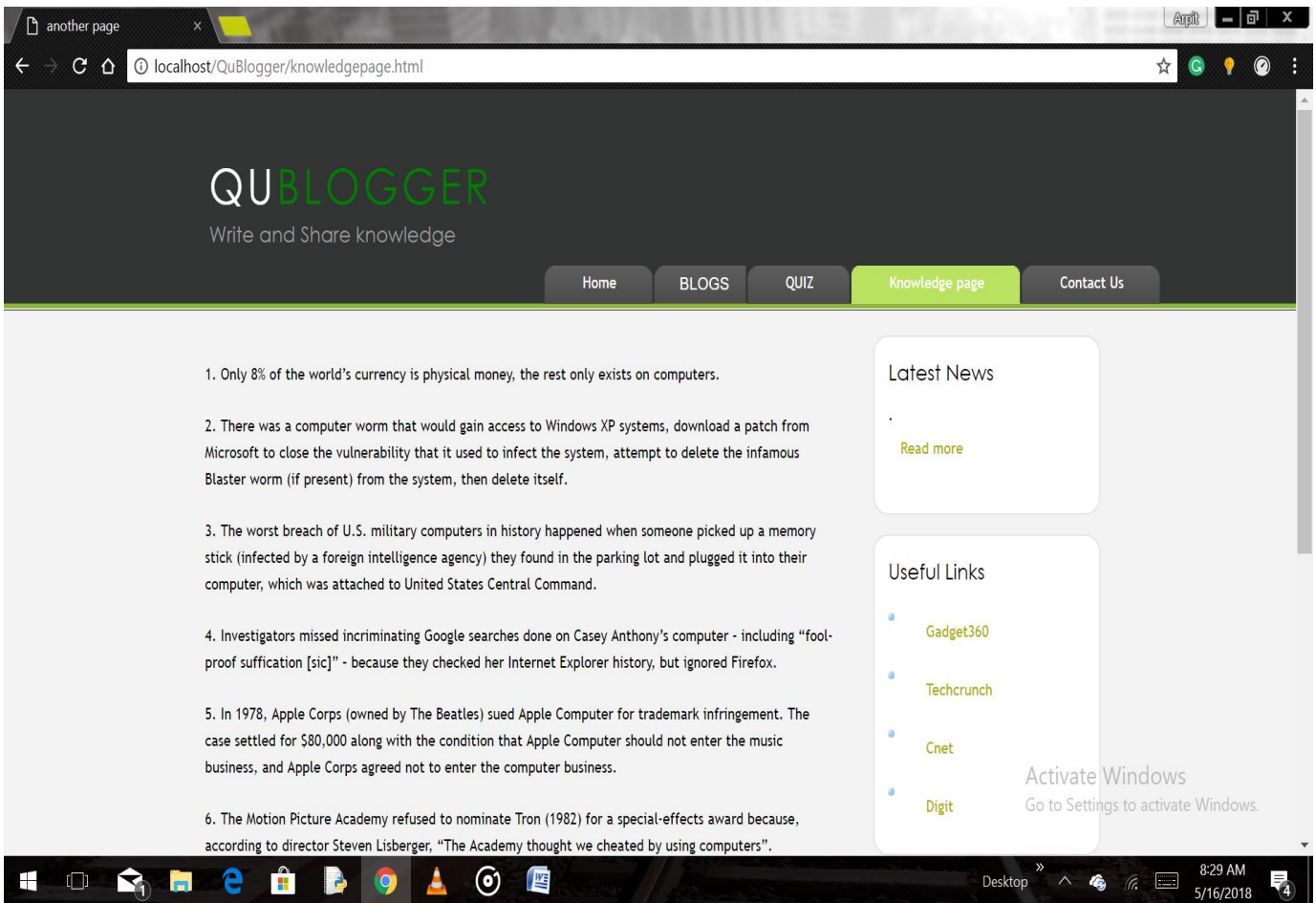Figure 12: Blog

Figure 13: Write Blog

Figure 14: Quiz

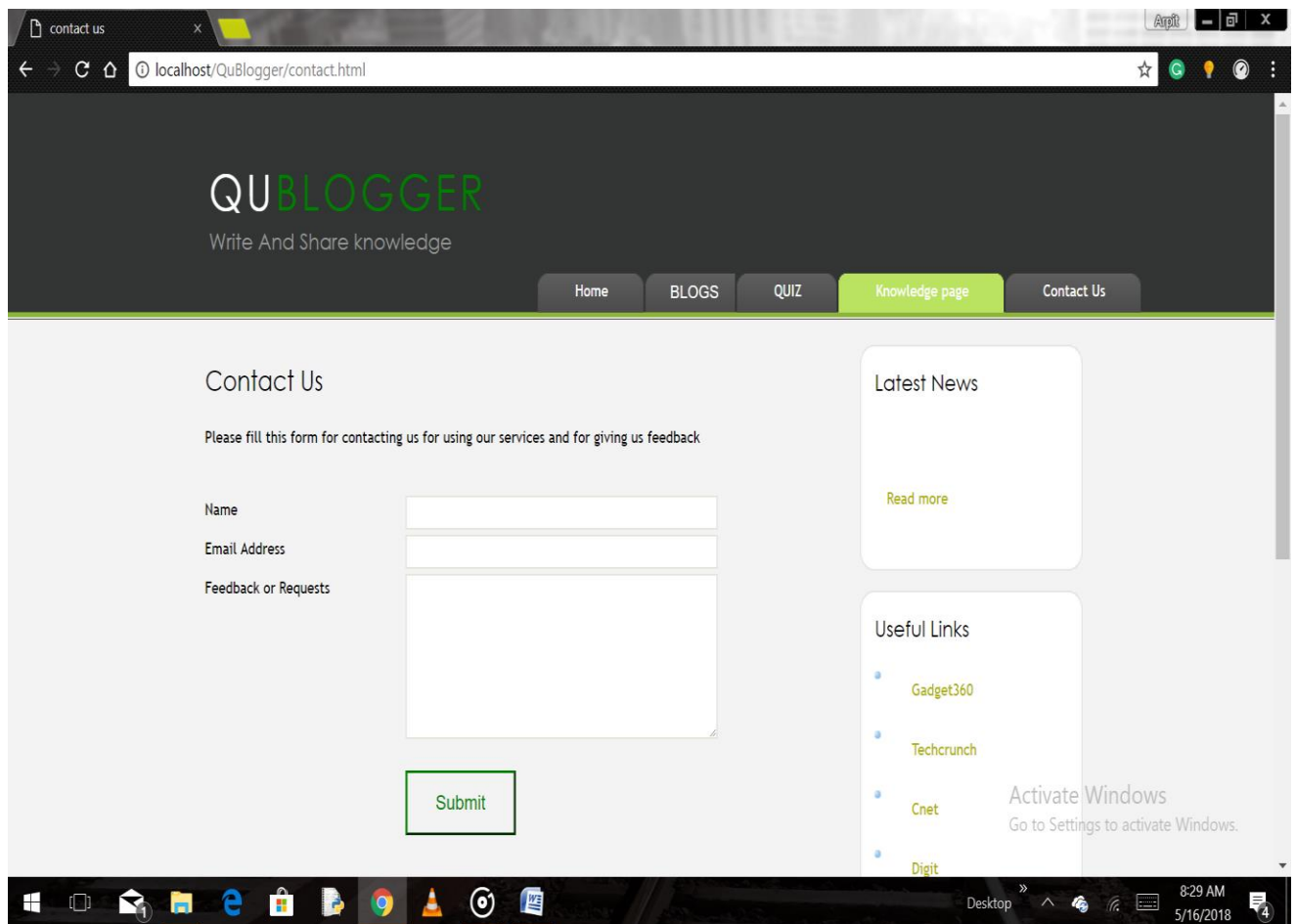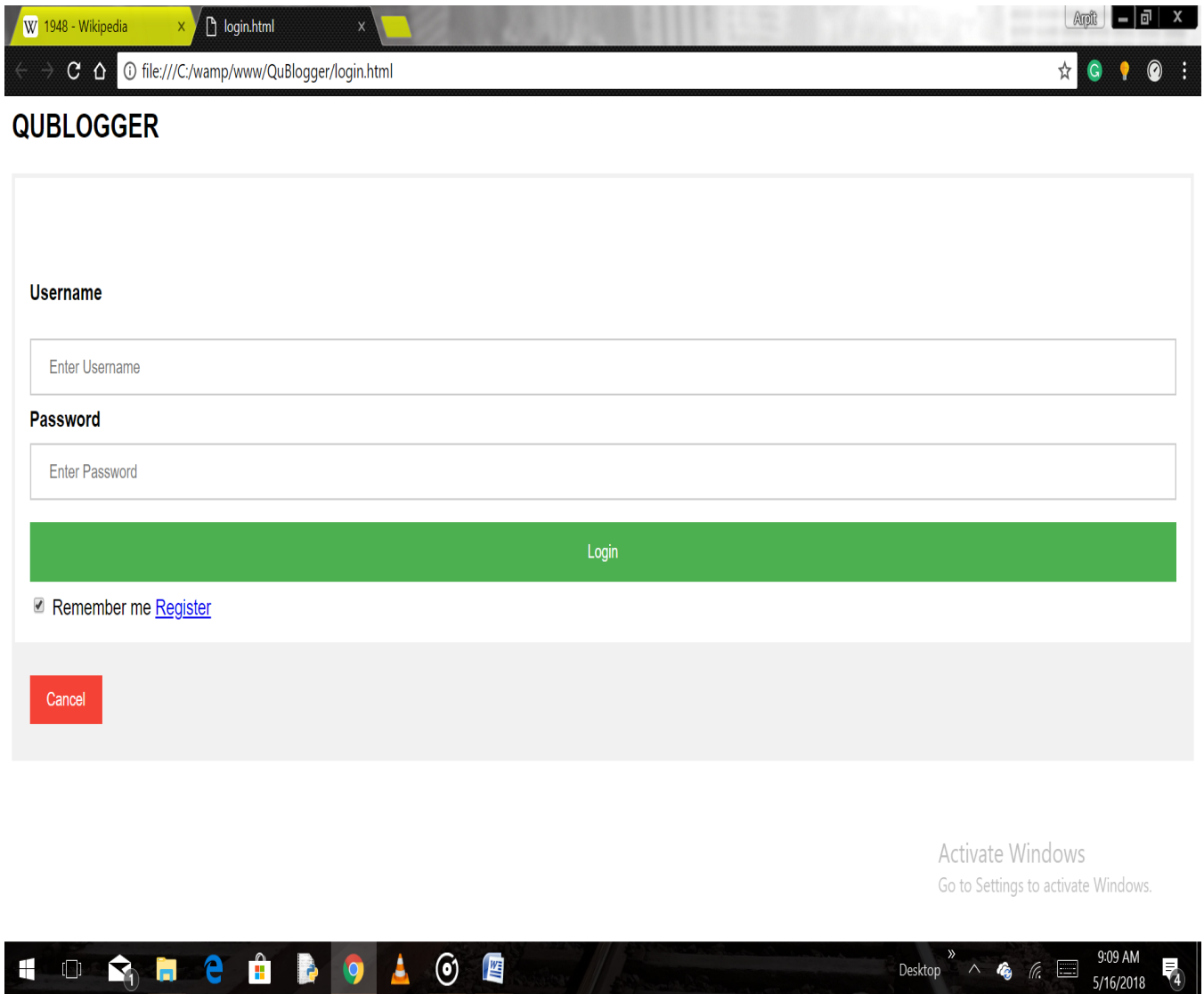Figure 15: Result check

Figure 16: Knowledge page
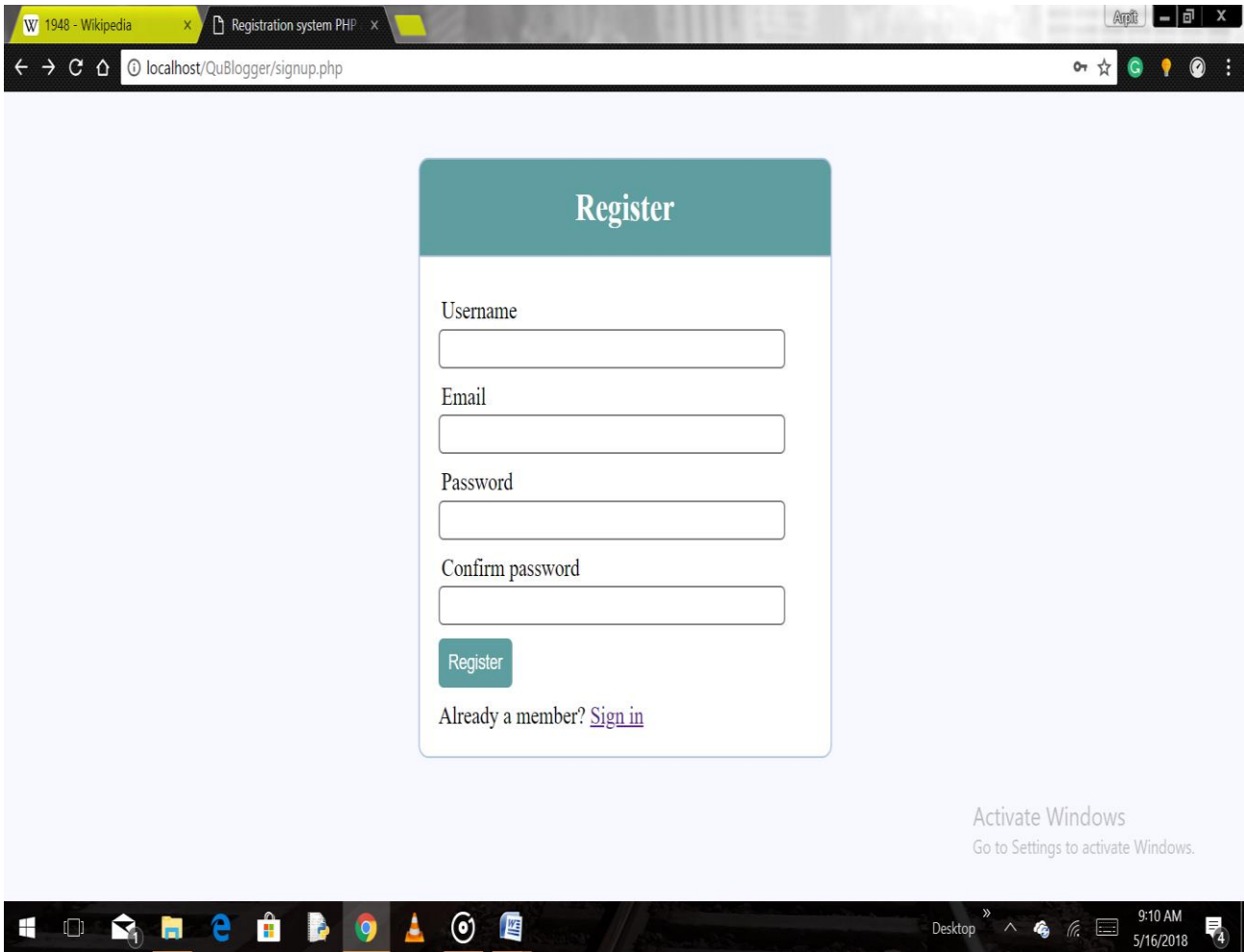
Figure 17: Contact Us

Figure 18: SignIn or Login

Figure 19: Signup or Registration

✚ Post implementation review

- This system is much more user friendly a provide user interface.
- The system can easily followed by the users
- A user can use quiz section for testing their knowledge.
- This system also provides an easy security to blog like an unauthorized user cannot write a blog or comment on a blog.
- These systems also provide a section called knowledge page with which a person can come to know the unknown facts related to tech or CS.

✚ Existing System

1. Blogger.com is a leading website in the field of blog writing and reading but the functionality of blogger.com is little complicated for a new user.

2. Blogger.com is a heavy website means it need a good network connection and take time to transfer data of a user from server side to web browser.

3. On other blog sites anyone can comment mean an unauthorized user can also comment on anyone's blog.

4. Other blog sites use side sources for earning like.

✚ Proposed Solution

In order to retain and increase XYZ's customer base, a redesign is required. To get kick-started with this, needs analysis session is required which will cover the key elements of the website. These elements include-:

1. Knowledge page

2. Quiz page

3. Specify date and time with user's name on blog and comments.

4. Quick response on contact us section.

5. Our website is not that much heavy mean it loads on slow network also.

✚ Call to action

Here you must let your client know what is required to be done once the project is in motion. What are the steps that the client needs to take and what the steps that you are going to take. Make an online proposal for your client. This helps the client to have digital access and is just a click away.

✚ Final thoughts

As long as you are able to identify your client's needs and are able to dig into their problem, you have acquired the initial step to acquiring them. You just then need to give them a descriptive, business-centric solution which can thrive their business and give them accurate price information for easy understanding.

9. Conclusion

We tried to make a website which on which bloggers are able to share their views related to different topics like Firstly, a user will login on a website using username and Password.

If you are new user then you need to first register yourself with a new username, password,

Only After login on website a user is able to Write a blog or comment on a blog but

User also can read a blog. With every blog there is detail of the blogger like date, time and blogger's name. Same thing is applicable with the comment section.

Next feature is called quiz section in which there a quiz for a user for testing their knowledge related to CS. Users can check there quizzes result yourself with the answer key provided after submitting the quiz.

Next feature is called knowledge page it enables a user to read some interesting facts related to latest technology and history of technology.

In last we provided a contact us section on which a user can submit a suggestion or request or complaint related to any component of our site.

10. Future Enhancements

There are many blog websites on internet so for staying in market a site needs to be unique so that a user will love to use our product for that we need to do something different.

Some of the enhance which we have thought of are:

- To develop a user friendly android application for users so that user can get a quick access to their blogs.
- Sharing their post on other platforms like facebook, whatsapp…etc.
- To take quiz from user and let the other users to participate in other users quizzes.
- User can set privacy on their blogs i.e.: private or public.

11.References

1). Agarwal, R. and Venkatesh, V. (2002), "Assessing a firm's Web presence: A heuristic evaluation procedure for the measurement of usability". Information Systems Research, Vol. 13 No. 2, pp. 168-186.

2). Aladwani, A.M. and Palvia, P.C. (2002), "Developing and validating an instrument for measuring userperceived web quality", Information and Management, Vol. 39, pp. 467-476.

3).Alba, J., Lynch, J., Weitz, B., Janiszawski, C., Lutz, R., Sawyer, A. and Wood, S. (1997), "Interactive home shopping: consumer, retailer, and manufacturer incentives to participate in electronic marketplaces", Journal of Marketing, Vol. 61 No. 3, pp. 38-53.

4).Baker, J. (1986), "The role of environment in marketing services: the consumer perspective", in Cepeil et al. (Ed), The Services Challenge: Integrating for Competitive Advantage, AMA, Chicago, pp. 79- 84.

5). Benbunan, R. (2001), "Using protocol analysis to evaluate the usability of a commercial Web site", Information and Management, Vol. 39 No. 2, pp. 151-163. Cato, J. (2001), User-Centered Web Design, Pearson Education, London.

6).Chen, H., Wigand, R.T. and Nilan, M.S. (1999), "Optimal experience of Web activities", Computers in Human Behavior, Vol. 15, pp. 585-608.

7).Childers, T.L., Carr, C.L., Peck, J. and Carson, S. (2001), "Hedonic and utilitarian motivations for online retail shopping behaviour", Journal of Retailing, Vol. 77, pp. 511-535.

8).Gehrke, D. and Turban, E. (1999), "Determinants of successful website design: Relative importance and recommendations for effectiveness", In Proceedings of the 32nd Hawaii International Conference on System Sciences. Hawaii, United States. Geyskens, I., Steenkamp.

9). J.B.E.M. and Kumar, N. (1999), "A meta-analysis of satisfaction in marketing channel relationships", Journal of Marketing Research, Vol. 36 (May), pp. 223-238.

10).Görn, G.J., Chattopadhyay, A., Sengupta, J. and Tripathi, S. (2004), "Waiting for the Web: How screen color affects time perception", Journal of Marketing Research, Vol. 51 (May), pp. 215-225.

11). ECMA - Standardizing Information and Communication Systems. Available online at: http://www.ecma.ch.

12). Standard ECMA-262: ECMAScript Language Specification. Available online at: ftp://ftp.ecma.ch/ecma-st/Ecma-262.pdf.

13). P. M. G. Mecca, P. Atzeni, and V. Crescenzi. The Araneus Guide to Web-Site Development - Araneus Project Working Report. AWR-1-99, University of Roma Tre, Mar. 1999. Available online at: http://www.dia.uniroma3.it/ Araneus/publications/AWR-1-99.ps.

14). A. E. Hassan. Architecture Recovery of Web Applications. Master's thesis, University of Waterloo,2001.Availableonlineat:http://plg.uwaterloo.ca/~aeehassa/home/pubs/msthesis..

15). A. E. Hassan and R. C. Holt. Architecture Recovery of Web Applications. In IEEE 24th International Conference on Software Engineering, Orlando, Florida, USA, May 2002.

16). A. E. Hassan and R. C. Holt. A Visual Architectural Approach to Maintaining Web Applications. Annals of Software Engineering- Special Volume on Software.