NEWZKIOSK.COM

By

Mohamed Ahmed Abdelmonem

A project dissertation submitted to the

Computer science Department

Universiti Teknologi PETRONAS

In partial fulfillment of the requirement for the

BACHELOR OF TECHNOLOGY (Hons)

(Information Technology)

Universiti Teknologi PETRONAS

Bandar Seri Iskandar

31750 Tronoh

Perak Darul Ridzuan

CERTIFICATION OF ORIGINALITY

This is to certify that I am responsible for the work submitted in this project, that the original work is my own except as specified in the references and acknowledgements, and that the original work contained herein have not been undertaken or done by unspecified sources or persons.
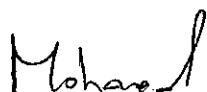
MOHAMED AHMED RIZK

CERTIFICATION OF APPROVAL

NEWZKIOSK.COM

By

Mohamed Ahmed Abdelmonem

A project dissertation submitted to the

Computer science Department

Universiti Teknologi PETRONAS

In partial fulfillment of the requirement for the

BACHELOR OF TECHNOLOGY (Hons)

(Information Technology)

Approved by,

_____

UNIVERSITI TEKNOLOGI PETRONAS

TRONOH, PERAK

September 2011

Abstract

As we are a part of a world full of news, every second there is something happening in the world. IT major players companies did a lot of effort helping the users to find news and follow them by making new technologies like Really Simple Syndication (RSS), online news portals, and SMS subscriptions. Each of those has many problems. For example, RSS could send more than 12,000 emails in less than 8 hours. SMS could help the user to follow only one source of news and the user has to pay for it. NEWZKIOSK is offering the main headlines from the most famous news sources (CNN, BBC, NYT, Reuters). RSS and WordPress platform will allow Newzkiosk to offer the users the most compatible news portal over the web, less advertisements for more users' satisfaction and convenience.

Acknowledgment

My deepest appreciation and gratitude is extended to my supervisor Dr. Baharum Bin Baharudinfor being very encouraging, supportive and responsive throughout the whole process of completing this final-year project (FYP) to fulfill the university requirement. Without his constant supervision and guidance, I might not be able to complete this project successfully.

I would also like to thank my fellow friends who have always been accommodating and cooperative whenever I am in need of ideas and opinion.

It's an honor to thank Universiti Teknologi Petronas for the support, Labs, Lecturers, and facilities to all the students, UTP has really assisted me starting from building my knowledge and personality. Thanks to every one working in UTP.

Finally, I am heartily grateful and indebted to my parents who were, still are, and always be two candles showing me the way in this life.

Mohamed Rizk

Table of Contents

LIST OF FIGURES:

LIST OF TABLES:

Chapter 1

Introduction

1.1- Background:

Nowadays, the news industry is cruising every field and preoccupying all the ages, since internet users are connected with each other's all over the world. Financial problem in any country is affecting the whole world, and these days the political events happening everywhere in the world made the news portals one of the most important tools.

News portals and journals did a lot of effort in order to keep their businesses and their vision. The newspapers in the last three years are losing a lot of money because of the internet revolution, so this field decided to go digital rather than their paper form allowing them to compete in the digital news field.

1.2- Problem Statement:

Internet users who are interested in news are facing problems:

a- Too many sources.
b- Time lost to find preferred articles.
c- Advertisements all over the pages.
d- Users have to pay or subscribe.

1.3- Objectives and Scope of study:

The objectives of this project are:

a- Creating a Portal which collects news from more than 4 sources.
b- The user can get the preferred titles with less than 15 seconds.
c- Less advertisement spaces.

The scope of study:

- Web development.

1.4- Methodology:

The Rational Unified Process (RUP) is an iterative software development process framework created by the Rational Software Corporation, a division of IBM since 2003. RUP is not a single concrete prescriptive process, but rather an adaptable process framework, intended to be tailored by the development organizations and software project teams that will select the elements of the process that are appropriate for their needs. RUP is a specific implementation of the Unified Process.
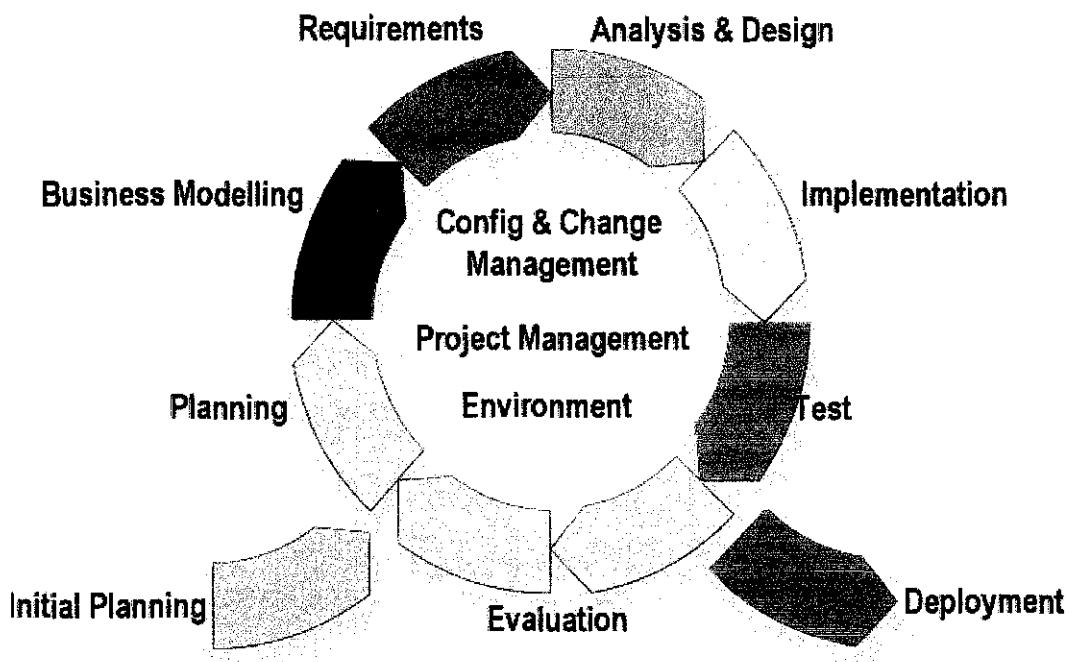
Figure 2 Methodology

Chapter 2

Literature Review

Going through the history of Really Simple Syndication (RSS) and news portals, it is found that RSS started in 1997:

- 1997 - Dave Winer develops scripting News. RSS was born.

- 1999 - Netscape develops RSS 0.90 (which supported scripting News). This was simply Extensible Markup Language (XML) with an RDF Header.

- 1999 - Dave Winer at UserLand develops scripting News 2.0b1 (This included Netscape's RSS 0.90 features)

- 1999 - Netscape develops RSS 0.91. In this version they removed the Resource Description Framework (RDF) header, but included most features from scripting News 2.0b1.

- 1999 - UserLand gets rid of scripting News and uses only RSS 0.91

- Netscape stops their RSS development

- 2000 - UserLand releases the official RSS 0.91 specification

- 2000 - A group led by Rael Dornfest at O'Reilly develops RSS 1.0. This format uses RDF and namespaces. This version is often confused as being a new version of 0.91, but this is a completely new format with no ties to RSS 0.91

- 2000 - Dave Winer at UserLand develops RSS 0.92

- 2002 - Dave Winer develops RSS 2.0 after leaving Userland

- 2003 - The official RSS 2.0 specification is released.

RSS 1.0 is the only version that was developed using the W3C RDF (Resource Description Framework) standard.

The idea behind RDF was to help create a Semantic Web, However, this does not matter too much for ordinary users, but by using web standards it will be easier for persons and applications to exchange data.

There is no official standard for RSS.

- About 50 % of all RSS feeds use RSS 0.91

- About 25 % use RSS 1.0

- The last 25 % is split between RSS 0.9x versions and RSS 2.0

RSS or Really Simple Syndication or Rich Site Summary is the latest information management tool that is gradually earning popularity among web users and website owners. With RSS technology, it is possible to get the latest postings from your favorite websites. But clicking on the RSS or XML button in a homepage is not enough to give you the service you need. An RSS feed or code displayed in the pop-up screen if not on the main page is composed of symbols and words that would only make sense to advanced RSS users and computer programmers and software enthusiasts. Another software tool called an RSS aggregator or reader is needed.

An aggregator works by scanning the worldwide web with latest postings based on the RSS code (containing the website's URL) provided or added by the user. When it finds a new posting, news, or update, it will publish the RSS feed on your home page containing the title of the posting, which also serves as a clickable link to the website source. This RSS feed May or may not contain the whole article, a summary, and photos, depending on what RSS aggregator you are using.

Aggregators come in two types: the downloadable program or desktop-type and the online or web-based type. The desktop

aggregator usually charges a certain amount for its services; this would include regular updating in the form of upgrades or patches to the original version. This type of RSS reader allows more customization of RSS feeds as well as page format or design over its on-line counterparts. But of course, price can be a drawback.

On-line or web-based aggregators are free of charge. All you need to do is register an account with them then you can start enjoying their services. Depending on the "brand" of the aggregator, customization is more limited. Some even do not allow you to customize at all.

Product and service advertisers are realizing the potential of RSS aggregators in internet marketing. In fact, several submit RSS codes to several popular web-based aggregators to reach the growing technophile and internet-based market. My Yahoo has been instrumental in popularizing RSS technology to both users and website owners and advertisers.

Disadvantages:

- The disadvantages of RSS use are brought about by its being a new technology and some user-preference concerns.
- Some users prefer receiving email updates over an RSS feed.
- Graphics and photos do not appear in all RSS feeds. For conciseness and ease of publication, RSS feeds do not display the photos from the original site in announcing the update except for some web-based aggregators.
- The identity of the source website can be confusing. Since RSS feeds do not display the actual URL or name of the website, it can sometimes get confusing on what feed a user is actually reading.

- RSS feeds create higher traffic and demands on the server. Most readers still prefer the whole update over a brief summary of the entry, thus they still access the site.
- Since it is a new technology, many sites still do not support RSS.

The great thing about RSS feeds is that you're always updated with the latest news and happenings. RSS feeds are revolutionizing the way information consumers get their content. Instead of being bombarded with a plethora of useless information, the consumers now can select & reject the material that goes into their consciousness.

Chapter 3

Methodology

3.1 Research Methodology

3.1.1 Research model:

The methodology used in this project is the Rational Unified Process (RUP) is an iterative software development process framework created by the Rational Software Corporation, a division of IBM since 2003. RUP is not a single concrete prescriptive process, but rather an adaptable process framework, intended to be tailored by the development organizations and software project teams that will select the elements of the process that are appropriate for their needs. RUP is a specific implementation of the Unified Process.
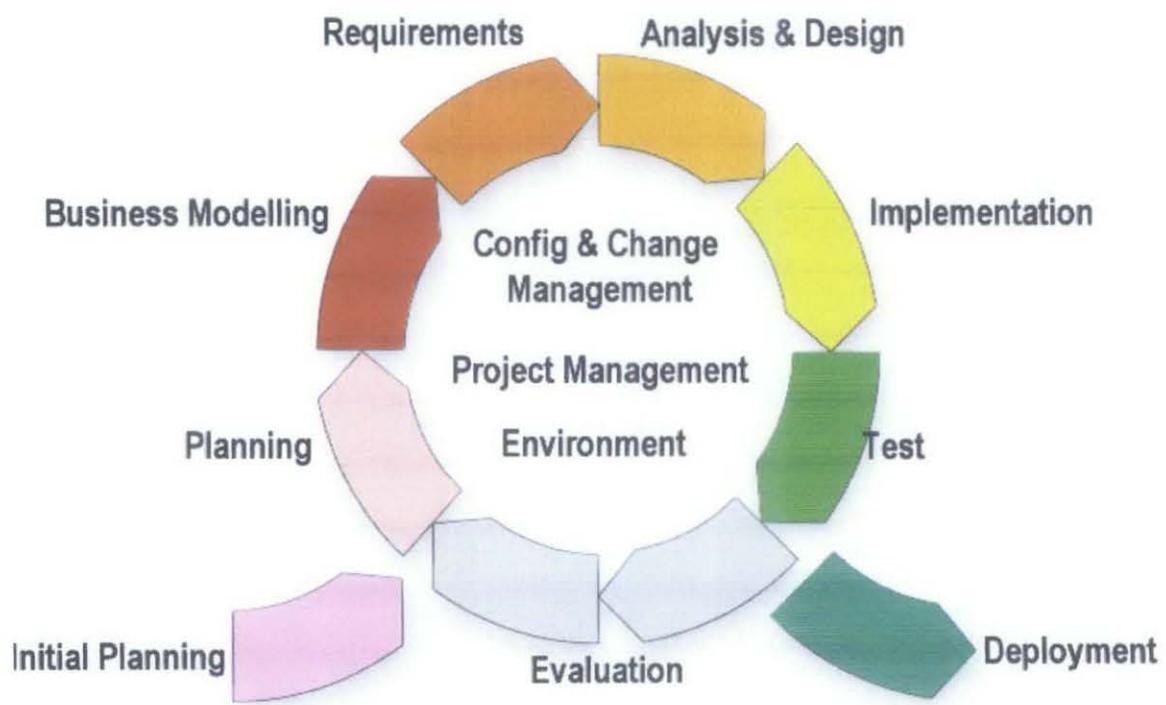
Figure 2 Methodology

3.1.2 Research fields:

In order to implement such a project, the knowledge about the portal design, programming languages that will be used, database, and last but not least, the structure of the portal is crucial.

Design: News websites could be intriguing to examine from a design perspective. Regardless of what type of news they cover, they all face the challenge of displaying a huge amount of content on the home page, which creates plenty of layouts, usability and navigational challenges for the designer. The lessons that can be learned from examining how news websites address these challenges can be valuable for designers who work with other types of websites, including ones with blog theme designs.

Print and Web are different. Traditional layout techniques from print, particularly an advanced formatting, aren't applicable to the Web as CSS doesn't offer sophisticated instruments to design such layouts (e.g. text floating around an embedded image; some "floating" techniques provide such results, however they produce bloated source code just as well).

At the same time the flexibility of the Web is hardly applicable to print as there is no way to customize a traditional periodical for reader's convenience. Apart from that, online-reading is very different from offline-reading: in the latter both leading and the line length are usually much shorter.

However, there are a number of fundamental principles which are often being used in both media. Over the last years newspapers and web-sites started to apply similar principles of data presentation,

such as the heavy use of white space and grid-based design. The results can sometimes be very similar, but often they have almost nothing in common.

Programming languages: Wordpress, PHP, MYSQL.

What is Wordpress?

According to WordPress.com: "Wordpress is an open source blogging tool and publishing platform powered by PHP and MySQL. It is often customized into a content management system (CMS). It has many features including a plug-in architecture and a template system. WordPress is used by over 14.7% of Alexa Internet's "top 1 million" websites and as of August 2011 powers 22% of all new websites. WordPress is currently the most popular CMS in use on the Internet.

It was first released on May 27, 2003, by Matt Mullenweg as a fork of b2/cafelog. As of February 2011, version 3.0 had been downloaded over 32.5 million times."

What's a content management system (CMS)?

A content management system is software that keeps track of every piece of content on the Web site; much like your local public library keeps track of books and stores them. Content can be simple text, photos, music, video, documents, or just about anything you can think of. A major advantage of using a CMS is that it requires almost no technical skill or knowledge to manage. Since the CMS manages all the content, the developer does not have to.

Features of WordPress:

WordPress has a web template system using a template processor. Users can re-arrange widgets without editing PHP or HTML code; they can also install and switch between themes. The PHP and HTML code in themes can also be edited for more advanced customizations. WordPress also features integrated link management; a search engine-friendly, clean permalink structure; the ability to assign nested, multiple categories to articles; and support for tagging of posts and articles. Automatic filters are also included, providing standardized formatting and styling of text in articles (for example, converting regular quotes to smart quotes). WordPress also supports the Trackback and Pingback standards for displaying links to other sites that have them linked to a post or article. One very popular and groundbreaking feature of WordPress is its rich plugin architecture which allows users and developers to extend its functionality beyond the features that come as part of the base install; WordPress has a database of thousands of plugins with purposes ranging from SEO to adding widgets.

Native applications exist for Android, iPhone/iPod Touch, iPad, Windows Phone 7, and BlackBerry which provide access to some of the features in the WordPress Admin panel and work with WordPress.com and many WordPress.org blogs.

PHP is probably the most popular scripting language on the web. It is used to enhance web pages. With PHP, you can do things like create username and password login pages, check details from a form, create forums, picture galleries, surveys, and a whole lot more. If you've come across a web page that ends in PHP, then the author has written some programming code to liven up the plain, old HTML.

PHP is known as a server-sided language. That's because the PHP doesn't get executed on your computer, but on the computer you requested the page from. The results are then handed over to you, and displayed in your browser. Other scripting languages you may have heard of are ASP, Python and Perl.

Why "NEWZKIOSK"?

- Giving the portal a name such "NEWZKIOSK" means : replacing the "S" with "Z" in "NEWZ" shows that the portal is very new and has updated ideas because the new generation always use the "Z" instead of "S". Also, "KIOSK" implies the old way people used to get the newspaper from. By adding "NEWZ" to "KIOSK", the new portal targets users from all ages and is willing to offer convenientand reliable service that is easy to use by different users.

3.2 Project activities:

1. Develop the portal structure and plan.
2. Develop the graphic design for the whole portal.
3. Develop the portal using different languages examples: Joomla, PHP, and SQL.
4. Connect the database between the servers, news sources, and the users.
5. Test the portal and identify the errors.
6. Fix the errors.
7. User Testing.
8. Publishing the Portal.

3.3 Project Key milestone:

The time strain is one of the most important milestones in this project, learning PHP, WordPress, and Graphic design in short time, in order to publish NEWZKIOSK end of 2011.

1. **September 2011:** Develop the CSS and the design for the portal.
2. **October 2011:** Deploy the portal on the server.
3. **November 2011:** Choose the RSS method to grab the news.
4. **December 2011:** Publish the BETA version of the portal.
5. **January 2012:** Evaluate the portal performance, collect feedback.
6. **February 2012:** Apply new updates from the recommendations.
7. **March 2012:** Publish the first version of the portal.
8. **April 2012:** Maintain the portal traffic to the servers.

3.4 Gantt Chart:

Gantt chart in **(Appendix-A)**

3.5 Tool (Equipment, hardware, etc.) required:

As in the beginning of the project the tools that will be needed as follow:

Table 1: Equipments

Software	Hardware
1. Adobe suit collection. 2. Browser. 3. Wordpress. 4. Notepad ++.	1. Server. 2. PC or Laptop.

Chapter 4

Results and Discussion

After analyzing the user's needs in this area of news, also analyzing the services that are already present in the market, development of NEWZKIOSK will be such a gift to every user who wants to read the news in his or her favorite areas also interacting with the preferred friends and networks in order to communicate with the rest of his or her social life.

Offering this new service with the least disturbing posts as well as the minimum amount of time to reach the favored articles is the main concern of this project.

4.1Results :

a- The user can get the preferred titles with less than 15 seconds.
  1. Domain and Hosting:
     - Buying the domain www.newzkiosk.com.
     - Buying economy hosting plan from www.godaddy.com,
       Because:
         - Fast Asia Pacific-based servers
         - State-of-the-art Security
         - FREE! $100.00 ad credits from Google®
         - FREE! 10 Fotolia® photo credits
         - Get priority access to our Exclusive Hosting Concierge Service for fast, expert, and setup.
         - Best-of-breed routers, firewalls and servers
         - Website statistics
         - FREE email addresses
         - Google® Webmaster Tools
         - Daily backup
         - 24/7 support
         - NO hidden fees

- FREE setup and software
- One-click setup
- FTP access

2. Less advertisement spaces:

The design and layout:
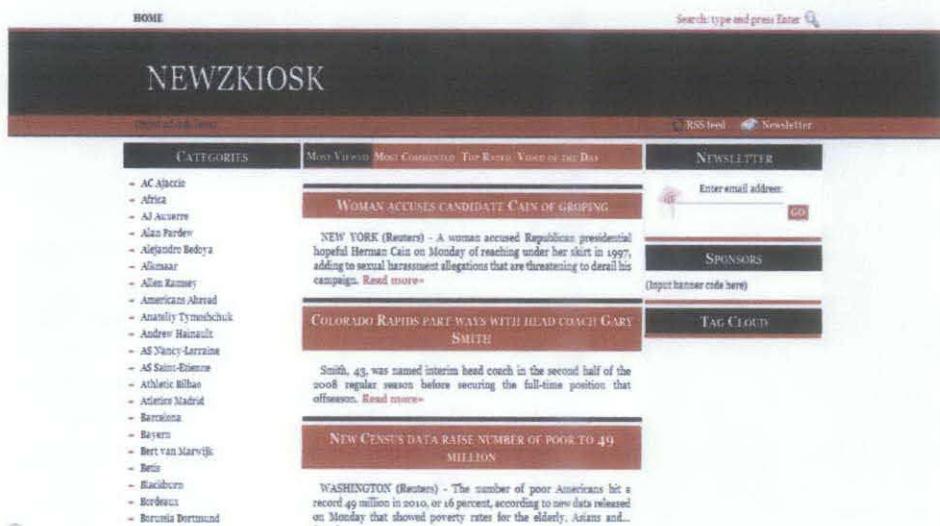
Figure3 Home Page

- **CSS Code in Appendix.**

3. Portal which collect news from more than 4 sources:
   Plugins used (see documentation in appendix):
   a) Categories to Tags Converter Importer.
   - Convert existing categories to tags or tags to categories, selectively.

   b) FeedBurner Form.
   - Show a registration form on the site to feed the subscribers.
     FeedBurner is a service that notifies subscribers of changes to the site. Every time a post is published, the subscriber receives the posting (or portion thereof) in his email automatically.

   c) RSS Importer.
   - Import posts from an RSS feed.

4.2 Discussion:

4.2.1 Wordpress Dashboard:

The dashboard in WordPress is the most important controller of the portal, from the dashboard administrator can control:

1. Posts.
2. RSS feeds.
3. Comments.
4. Some statistics.
5. CSS files.
6. Plugins.
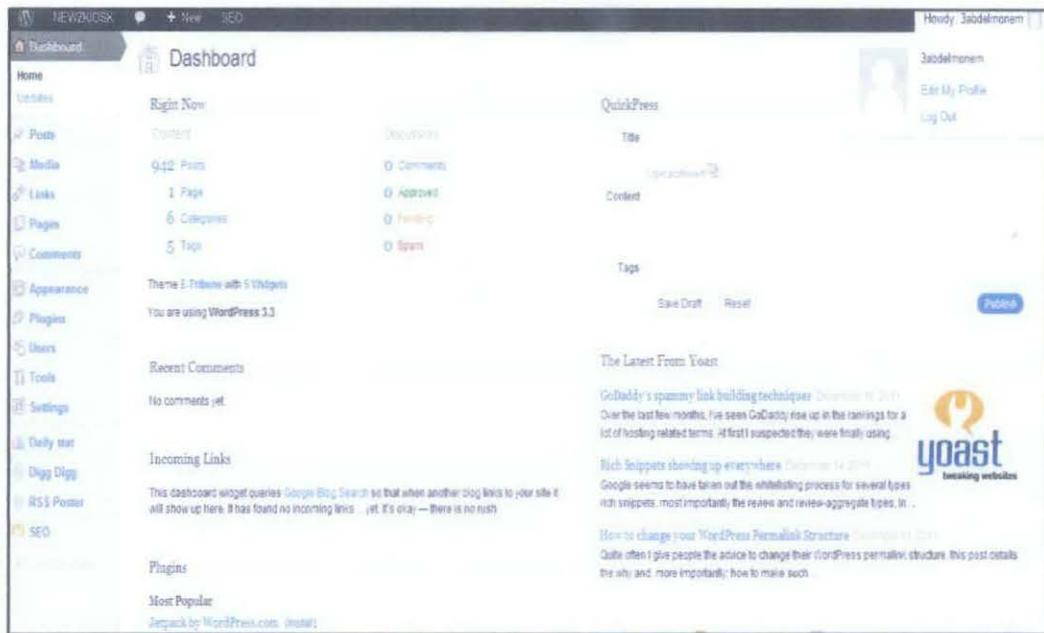
Figure 4 WordPress Dashboard

The server control panel functions:

1. Control the domain DNS.

2. Emails.

3. File management on server side.

4. Creating, deleting, and editing the Databases.

5. FTP accounts.

6. Backup.

4.3system architecture:
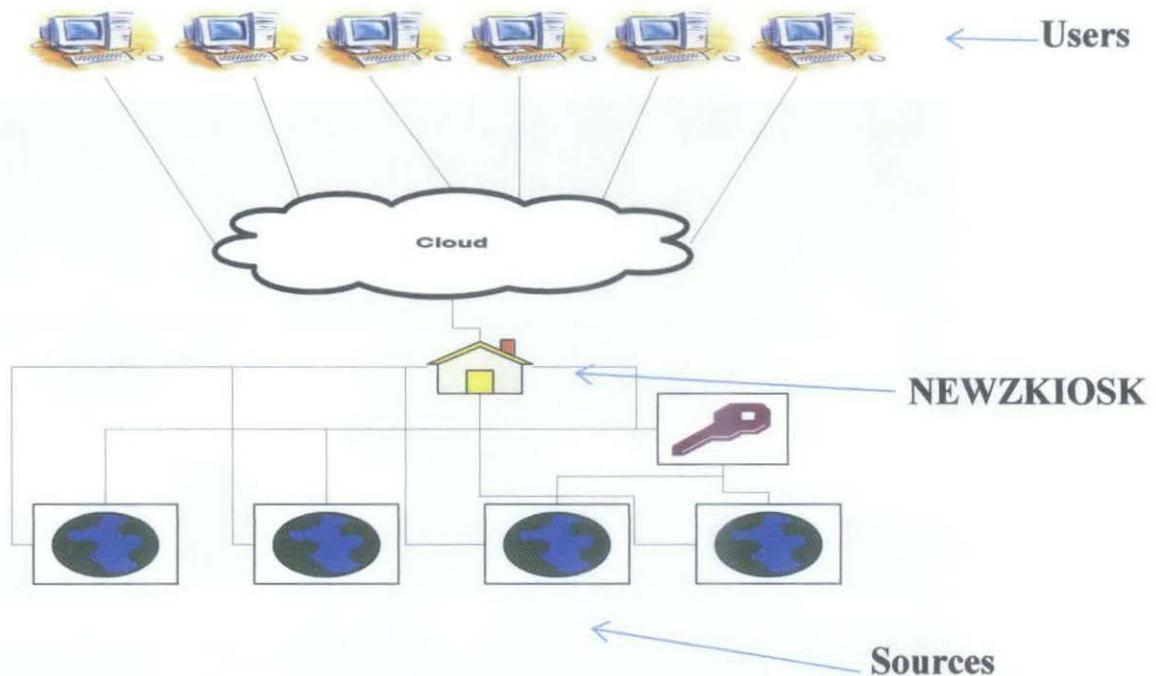
Figure 5System architecture

Chapter 5

Conclusion and Recommendation

5.1 Conclusion:

NEWZKIOSK is a news portal that offers the users five sources to get their news, Wordpress and RSS are the main elements in building the portal.

The users can browse Newzkiosk from any gadget or PC, the layout of the portal is compatible with all the browsers and gadgets for more convenience to the users, the time is the competitive advantage of the portal, since the user can get his or her preferred articles within seconds.

NEWZKIOSK (BETA) will be supported from Google AdSense as a first phase then the next version will have two more main sponsors, NEWZKIOSK vision to be the world real time news portal.

5.2 Recommendations:

1. Adding more sources.

2. User can choose from the sources.

3. Adding Users reports and articles.

4. Develop IPhone and Android application for the portal.

Chapter 6

References

[1] R. Agrawal, T. Imielinski, and A. Swami. Mining association rules between sets of items in large databases, In *Proc. of ACM SIGMOD Conference onManagement of Data*, pp.207-216, 1993.

[2] I. Daubechies, Ten Lectures on Wavelets, Number 61 in CBMS-NSF Series in Applied Mathematics. SIAM, Philadelphia, 1992.

[3] G. Deboeck and T. Kohonen. Visual explorations in finance using Self-Organizing Maps, Springer-Verlag, London, 1998.

[4] T. Honkela, S. Kaski, K Lagus, and T. Kohonen. WEBSOM-self-organizing maps of document collections, In *Proc. of Workshop on Self-OrganizingMaps 1997(WSOM'97)*, pp.310-315, 1997.

[5] M. Kakimoto, C. Morita, and H. Tsukimoto. Data mining from functional brain images. In *Proc. of ACMMDM/KDD2000*, pp.91-97, 2000.

[6] T. Kohonen. Self-Organizing Maps. Springer-Verlag, Berlin, Heidelberg, 1995.

[7] J. C. Lamirel, J. Ducloy, and H. Kammoun. A self-organizing map (SOM) extended model for information discovery in a digital library context. In *Proc. of ACMMDM/KDD2000*, pp.60-66.

[8] P. Langley. The computer-aided discovery of scientific knowledge. In *Proc. of the First InternationalConference on Discovery Science*. Fukuoka, Japan: Springer, 1998.

[9] K. Murao and A. Ando. Content-based image retrieval system. In *Proc. of the 1998 Information and SystemsSociety Conference of IEICE*, D-11-60, p.175. (In Japanese)

[10] G. Salton and M. J. McGill. Introduction to modern information retrieval, *McGraw-Hill*, New York, 1983.

[11] P. Stolorz, H. Nakamura, E. Mesrobian, R. Muntz, E.Shek, J. Santos, J. Yi, K. Ng, S. Chien, C. Mechoso, and J. Farrara. Fast spatio-temporal data mining of large geophysical datasets. In *Proc. Int. Conf. on KDD*, pp.300-305, 1995.

[12] O. R. Zaïane, J. Han, Z. -N. Li, and J. Hou. Mining Multimedia Data. In *Proc. CASCON'98: Meeting ofMinds*, Toronto, Canada, November, pp.83-96, 1998.

[13]Hristo T., Jakub P., and Martin A., 2008. *Real Time News Event Extraction for Global Crisis Monitoring, Web and Language Technology Group of IPSC, Ispra, Italy.*

[14]Jakub P., Hristo T., Martin A. and Erik V., *2008. Cluster-Centric Approach to News Event Extraction, Institute for the Protection and Security of the Citizen, Ispra, Italy.*

[15] Shuyi Z., Ruihua S., and Ji-Rong W., *2007. Template-Independent News Extraction Based on Visual Consistency, Pennsylvania State University, University Park, and Microsoft Research Asia, Beijing, China.*

[16] Yongquan D., Qingzhong L., Zhongmin Y., and Yanhui D., *2008. A Generic Web News Extraction Approach, School of Computer Science and Technology, Shandong University, Jinan, P.R. China and School of Computer Science and Technology, Xuzhou Normal University, Xuzhou, P.R. China.*

[17] Google News, http://news.google.com/

[18]Alan D., Barbara H.W. and David T., *2005. System Analysis and Design with UML Version 2.0, An Object-Oriented Approach, Second Edition, (p4-12).*

[19] Definition of Project Framework. http://sites.google.com/site/pmpbank/glossary

[20] Definition of WordPress.

http://www.wordpress.com

CHAPTER 7

Appendices

7.1 Appendix (A):

GANTT CHART:
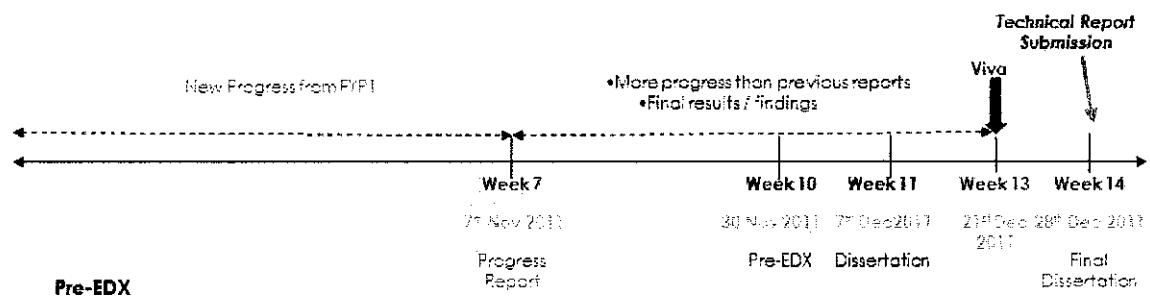
7.2 Appendix (B):

a) CSS Code:

```
/*==============================================================
      General Specifications
==============================================================*/

body {
      background: #efefefurl(images/head.png) top left repeat-x;
      font-size: 12px;
      font-family: Georgia, Verdana, Arial, Sans-Serif;
      text-align: center;
      margin: 0;
      padding: 0;
      }

#page {
      text-align: left;
      margin: 0px auto;
      padding: 0;
      width:1000px;
      color: #000;
      overflow:hidden;
      }
```

```css
.depth-1 {
     border: 1px solid #ddd;
     }

small {
     font-family: Arial, Helvetica, Sans-Serif;
     font-size: 10px;
     line-height: 15px;
     }

h1.header  {
     font-size:36px;
     color:#e7e7e7;
     margin-left: -30px;
     }

h1.header  a, a:hover, a:visited {
     text-decoration: none !important;
     }


h2.title, h2.title a, h2.title a:hover, h2.title a:visited {
     font-size: 18px;
     text-decoration: none;
     color:#fff !important;
     }


h1, h2, h3 {
     font-family: Georgia, 'Trebuchet MS', 'Lucida Grande',
Verdana, Arial, Sans-Serif;
     font-weight: bold;
     }

h1, h1 a, h1 a:hover, h1 a:visited {
     font-size: 22px;
     margin: 0;
     text-decoration: none;
     color:#000;
     }

h2, h2 a, h2 a:hover, h2 a:visited {
     font-size: 18px;
     margin: 0;
     text-decoration: none;
     color:#000;
     }

h3, h3 a, h3 a:hover, h3 a:visited {
     font-size: 16px;
     padding: 0;
     margin:5px 0px;
```

```
            color: #000;
            }

h4, h4 a, h4 a:hover, h4 a:visited {
            font-size: 14px;
            color:#000;
            margin: 5px;
            padding: 0;
            }

h4.popular, h4.popular a, h4.popular a:hover, h4.popular
a:visited {
            text-decoration: none;
            color:#be0000 !important;
            font-variant: small-caps;
            text-align: center;
            }

h5, h5 a, h5 a:hover, h5 a:visited {
            color:#000;
            margin: 5px;
            padding: 0;
            }

h6, h6 a, h6 a:hover, h6 a:visited {
            color:#000;
            margin: 5px;
            padding: 0;
            }

a, a:visited{
            color: #be0000;
            text-decoration: none;
            }

a:hover {
            color: #878787;
            text-decoration: none;
            }

code {
            font: 12px 'Courier New', Courier, Fixed;
            }

acronym, abbr, span.caps {
            font-size: 10px;
            cursor: help;
            }

acronym, abbr {
            border-bottom: 1px dashed #999;
            }
```

```css
blockquote {
      margin: 15px 30px 0 10px;
      padding-left: 10px;
      border-left: 3px solid #be0000;
      font-style: oblique;
      }

blockquote cite {
      margin: 5px 0 0;
      display: block;
      }

.center {
      text-align: center;
      }

.hidden {
      display: none;
      }

hr {
      display: none;
      }

.navigation {
      display: block;
      text-align: center;
      margin-top: 0px;
      margin-bottom: 10px;
      font-weight: bold;
      }

#searchh {
      width:220px;
      background: none;
      color: #be0000;
      font-size: 13px;
      font-family: Georgia, Times New Roman, Trebuchet MS;
      font-weight: normal !important;
      margin: 5px 0px 0px -5px;
      padding: 2px 2px 1px 2px;
      border:none;
      text-align: center;
      }

#searchform {
      width:200px;
      background: #f4f4f4;
      color: #000;
      font-size: 12px;
```

```css
        font-family: Georgia, Times New Roman, Trebuchet MS;
        margin: 0px 0px0px 2px;
        padding: 2px 2px 1px 2px;
        }

#submit {
        background: #b6001e;
        color: #fff;
        font-size: 12px;
        font-family: Georgia, Times New Roman, Trebuchet MS;
        margin-left: 5px;
        padding: 1px 4px;
        font-weight: bold;
        }

.entry form { /* This is mainly for password protected posts,
makes them look better. */
        text-align:center;
        }

select {
        width: 130px;
        }

/*===========================================================
        Header
=========================================================*/

#srch {
        background: url(images/src.png) top left no-repeat;
        margin-top: 0px;
        margin-bottom: 5px;
        width: 230px;
        height: 28px;
        padding: 0px;
        float: right;
        }

#header {
        margin: 0px;
        padding:0;
        height: 160px;
        width: 1000px;
        float: left;
        overflow: visible;
        }

#description {
        width: 300px;
        float: left;
        margin-left:10px;
        margin-top: 0px;
```

```css
      }

#rssfeed {
      height:20px;
      background: url(images/rss.png) top left no-repeat;
      float: left;
      padding-top: 2px;
      padding-left: 23px;
      margin-top:2px;
      margin-left:30px;
      margin-right:10px;
      color:#fff;
      }

#newsfeed {
      height:20px;
      background: url(images/news.png) top left no-repeat;
      float: left;
      padding-top: 2px;
      padding-left: 32px;
      margin-top:2px;
      margin-left:10px;
      color:#fff;
      }

#rssfeed a, #rssfeed a:link, #rssfeed a:visited, #newsfeed a,
#newsfeed a:link, #newsfeed a:visited{
      color:#fff;
      text-decoration:none;
      font-weight:bold;
      }


/*==================================================================
=========
      Pages menu
==================================================================
=======*/

#catbar {
      width: 1000px;
      height: 40px;
      margin: 0;
      padding: 0px;
      float: left;
      }

#catbarul {
      background: none;
      width: 730px;
      float: left;
      list-style: none;
```

```css
      margin: 0px;
      padding: 0;
      border: none;
      }

#catbar li {
      list-style: none;
      margin: 0px;
      padding: 0px;
      }

#catbarli.hom a, #catbarli.hom a:link, #catbarli.hom a:visited{
      background: none;
      }

#catbar li a, #catbar li a:link, #catbar li a:visited {
      color: #000;
      display: block;
      font-size: 12px;
      font-weight: bold;
      margin: 0px;
      padding: 8px 6px 6px 18px;
      background: url(images/menu.png) top left no-repeat;
      text-transform: uppercase;
      }

#catbar li a:hover, #catbar li a:active {
      color: #be0000;
      display: block;
      text-decoration: none;
      }

#catbar li li a, #catbar li li a:link, #catbar li li a:visited {
      background: #ccc;
      width: 140px;
      float: none;
      margin: 0px;
      padding: 6px 10px 6px 10px;
      border-bottom: 1px solid #fff;
      border-left: 1px solid #fff;
      border-right: 1px solid #fff;
      }

#catbar li li a:hover, #catbar li li a:active {
      background: #fff;
      margin: 0px;
      padding: 6px 10px 6px 10px;
      }

#catbar li {
      float: left;
      padding: 0px;
```

```css
        }

#catbar li ul {
      z-index: 9999;
      position: absolute;
      left: -999em;
      height: auto;
      width: 160px;
      margin: 0px;
      padding: 0px;
      }

#catbar li li {
      }

#catbar li ul a {
      width: 140px;
      }

#catbar li ul a:hover, #catbar li ul a:active {
      }

#catbar li ulul {
      margin: -25px 0 0 161px;
      }

#catbarli:hoverulul, #catbarli:hoverululul,
#catbarli.sfhoverulul, #catbarli.sfhoverululul {
      left: -999em;
      }

#catbarli:hoverul, #catbar li li:hoverul, #catbar li
lili:hoverul, #catbarli.sfhoverul, #catbar li li.sfhoverul,
#catbar li lili.sfhoverul {
      left: auto;
      }

#catbarli:hover, #catbarli.sfhover {
      position: static;
      }




/*================================================================
      Positioning of the ad banners
================================================================*/

#ad468{
      width: 470px;
      height:60px;
      float: right;
      margin-right: 30px;
```

```css
        margin-top: 20px;
        }

#linkad{
        width: 730px;
        height:23px;
        float: left;
        margin-left:20px;
        margin-top: 5px;
        }

#ad250 /* banner in the sidebar*/ {
        width:250px;
        margin-left: -10px;
        }


/*========================================================
======
        Slider
=========================================================
=====*/

#glidercontent{
        margin:5px 0 0px 5px;
        }

.glidecontentwrapper{
        position: relative;
        width: 990px;
        height:270px;
        overflow: hidden;
        margin:0px;
        padding:0px;
        background:#fff;
        }

.glidecontent{
        position:absolute;
        padding:0px 5px 0px 5px;
        width:940px;
        color:#000;
        margin:0px 20px;
        height:100%;
        overflow:hidden;
        float:left;
        text-align:justify;
        background:#fff;
        }

.glidim{
        float:right;
```

```css
       height: 210px;
       overflow: hidden;
       }

.glidimimg{
       margin:0px 5px 5px 0px;
       padding:7px 7px;
       }

.glidecontenth2{
       margin:0px;
       padding:5px 0px;
       font-size:24px;
       font-weight:bold;
       overflow:hidden;
       font-variant: small-caps;
       }

.glidecontent h2 a:link, .glidecontent h2 a:visited{
       color:#000;
       }

.glidecontentp{
       margin:0px 0px 0px0px;
       padding:5px 0px;
       font-size:14px;
       line-height:22px;
       overflow:hidden;
       }

.glidebot{
       width:990px;
       height:5px;
       background:#000;
       margin:0px 5px ;
       padding:0px 0px;
       float:left;
       }

.gnav{ /*style for DIV used to contain toggler links. */
       width: 100px;
       height:50px;
       z-index:150;
       float:right;
       padding-right:25px;
       }

.glidecontenttoggler{ /*style for DIV used to contain toggler
links. */
       height:45px;
       z-index:150;
       width: 990px;
```

```css
      }

.glidecontenttogglera{ /*to remove the border around the arrows
when clicked */
      color: #fff;
      }

.glidecontenttogglera.toc{ /*style for individual toggler links
(page 1, page 2, etc). ".toc" class auto generated! */
      }

.glidecontenttogglera.prev{
      top:10px;
      left:30px;
      position:absolute;
      display:block;
      background:url(images/left.png) left;
      width:50px;
      height:30px;
      }

.glidecontenttogglera.next {
      float:right;
      display:block;
      background:url(images/right.png) right;
      width:50px;
      height:30px;
      position:absolute;
      top:10px;
      right:25px;
      }

.feat{
      font-size:42px;
      text-align: center;
      color:#b6001e;
      background:#fff;
      }

/*==============================================================
======
      Home
================================================================
=====*/

#mostpop{
      background: #be0000;
      width:480px;
      height: 30px;
      float: left;
      margin-top: -2px;
      }
```

```css
#home-tabs {
      width:480px;
      float:left;
      padding-bottom:5px;
      margin-bottom:5px;
      background: #fff;
      border-bottom:5px solid #000;
      }

#home-tabs ul.tabs {
      display: block;
      padding: 0px;
      margin: 0px;
      white-space: nowrap;
      text-align: center;
      z-index: 5500;
/*\*/ vertical-align: middle;/*\*/
      }

#home-tabs ul.tabs li {
      display: block;
      float: left;
      background-color: #be0000;
      border-left: 1px solid #fff;
      margin-left:-1px;
      white-space: nowrap;
      padding: 9px 7px 8px 7px;
      z-index: 6000;
      }

#home-tabs ul.tabsli.selected {
      background-color: #000;
      z-index: 9998;
      }

#home-tabs div.tabContent {
      clear: both;
      padding: 10px 0px 0px0px;
      margin: 0;
      display: none;
      }

#home-tabs div.tabContent.tabContentActive {
      display: block;
      }

#home-tabs div.tabContentol {
      margin-top: 0;
      margin-bottom: 5px;
      }
```

```
#home-tabs div.tabContentol li {
    _padding-left: 0;
    padding-top: 2px;
    padding-bottom: 2px;
    }

#home-tabs div.tabContentul {
    margin-top: 0;
    margin-bottom: 5px;
    }

#home-tabs div.tabContentul li {
    _padding-left: 0;
    padding-top: 2px;
    padding-bottom: 2px;
    }


/* Most Popular Module */

#mostPopWidget, #tabsContainer {
    position: relative;
    top: 1px;
    _top: 0;
    left: 0px;
    _left: 0;
    _height: 14px;
    _padding-top: 6px;
    display: block;
    }

#mostPopWidgetul.tabs {
    font-size: 10px;
    _position: absolute;
    top: 0;
    }

#mostPopWidgetul.tabs li {
    position: relative;
    top: 0;
    padding-left: 4px;
    padding-right: 5px;
    _padding-bottom: 2px;
    }

#mostPopWidgetul.tabsli.selected {
    _padding-bottom: 3px;
    }

#mostPopWidgetul.tabsli:first-child {
    border-left-width: 1px;
    padding-left: 4px;
```

```css
        }

#mostPopWidgetul.tabs li a {
        color: #fff;
        font-size: 14px;
        font-weight:bold;
        font-variant: small-caps;
        }

#mostPopWidgetul li {
        padding-left:2px;
        margin-left:10px;
        list-style-type:disc;
        list-style-position: outside;
        list-style-image: url(images/bullet.png);
        line-height:115%;
        }

#mostPopWidgetul li a{
        font-variant:small-caps;
        font-weight:bold;
        }

/*--------------------------------------------------------------*/

#homenav{
        width:990px;
        height:40px;
        float: left;
        margin: 0 5px;
        }

#top{
        margin:0 20px;
        }

#button{
        background: url(images/button.png) left no-repeat;
        width: 150px;
        height: 25px;
        margin-top: 3px;
        padding-top: 12px;
        text-align: center;
        }

#button a, #button a:link, #button a:visited{
        color:#fff;
        font-weight:bold;
        }

.blog{
        float: left;
```

```css
        margin-left: 80px;
        }

.archive{
        float: left;
        margin-left: 370px;
        }

/*===================================================================
======
        Blog page
====================================================================
======*/

#pbody {
        width:1000px;
        margin-top:0px;
        float: left;
        }

#content {
        width:480px;
        margin-left:5px;
        margin-right: 5px;
        margin-top: 5px;
        float:left;
        }

.white {
        background: #fff;
        border-bottom: 5px solid #000;
        width:480px;
        float: left;
        margin-top: 0px;
        margin-bottom:10px;
        text-align: justify;
        font-size:14px;
        }


/*===================================================================
======
        The actual Blog post look
====================================================================
=====*/

.post {
        background: #fff;
        border-bottom:5px solid #000;
        width:480px;
        float: left;
        margin-top: 0px;
```

```css
        margin-bottom:5px;
        text-align: justify;
        font-size:14px;
        overflow:hidden;
        }

.ptitle{
        width: 470px;
        background:#be0000;
        padding: 5px;
        text-align: center;
        font-variant:small-caps;
        }

.entry {
        padding: 0px 15px;
        margin: 0px;
        }

.thumb{
        float:left;
        margin-top: 3px;
        margin-left: 0px;
        margin-right: 10px;
        }

.postmetadata {
        float:left;
        width:450px;
        background: #efefef;
        padding: 5px;
        margin: 0 10px 5px 10px;
        font-size: 11px;
        font-weight:bold;
        clear: both;
        }

.date {
        background: url(images/date.gif) top left no-repeat;
        padding-left:20px;
        font-style: oblique;
        font-weight:normal;
        }

.category{
        background: url(images/folder.gif) top left no-repeat;
        padding-left:20px;
        font-style: oblique;
        font-weight:normal;
        }

.ratings{
```

```
        float:left;
        margin-top:5px;
        }

.postcom {
        background: url(images/comment.gif) top left no-repeat;
        padding-left:20px;
        font-style: oblique;
        float: right;
        }

.post hr {
        display: block;
        }

.smallattachment {
        text-align: center;
        float: left;
        width: 128px;
        margin: 5px 5px5px 0px;
        }

.attachment {
        text-align: center;
        margin: 5px 0px;
        }

.clear {
        clear: both;
        }

.entry ul {
        margin-left: 0px;
        padding: 0 0 0 30px;
        list-style: square;
        padding-left: 10px;
        text-indent: 5px;
        }

.entry li {
        margin: 7px 0 8px 10px;
        }

.entry ol {
        padding: 0 0 0 35px;
        margin: 0;
        }

.entry ol li {
        margin: 0;
        padding: 0;
        }
```

```css
/*=====================================================
        Sidebar
=====================================================*/

#sidebar{
      width:250px;
      margin-top: 5px;
      margin-bottom: 10px;
      font-family: georgia;
      font-size: 12px;
      padding: 0px 0 10px 0;
      }

.one{
      float:left;
      margin-left:5px;
      }

.two{
      float:right;
      margin-right:5px;
      }

.widget{
      width:250px;
      background:#fff;
      border-bottom:5px solid #be0000;
      margin-bottom: 5px;
      }

#feed {
      background: url(images/email.png) left no-repeat;
      width: 250px;
      }

#sidebar h2 {
      width:240px;
      height: 20px;
      background: #000;
      padding:5px;
      margin: 0px auto;
      font-size:18px;
      text-align: center;
      color:#fff;
      font-variant: small-caps;
      }

#sidebar a, #sidebar a:visited {
      color:#000;
      text-decoration: none;
      }
```

```css
#sidebar a:hover {
     color:#be0000;
     text-decoration:none;
     }

#sidebar form {
     margin: 0;
     }

#sidebar ul, #sidebar ulol {
     margin: 0;
     padding: 10px;
     }

#sidebar li {
     list-style-type: none;
     }

#sidebar ulli.rc{
     list-style-type: none;
     list-style-image: none;
     }


#sidebar ul li {
     list-style-type: disc;
     list-style-position: outside;
     list-style-image: url(images/bullet.png);
     margin-bottom: 5px;
     margin-left: 15px;
     }

#sidebar ul p, #sidebar ul select {
     margin: 5px 0 8px;
     }

#sidebar ulul, #sidebar ulol {
     margin: 5px 0 0 10px;
     }

#sidebar ululul, #sidebar ululol {
     margin: 0 0 0 10px;
     }

ol li, #sidebar ulol li {
     list-style: decimal outside;
     }

#sidebar ulul li, #sidebar ulol li {
     margin: 3px 0 0;
     padding:0px;
```

```css
      }

#sidebar ul li li {
      padding: 0px 0px 5px 20px;
      margin: 0px;
      }

#sidebar ul li ul {
      margin-top: -5px;
      margin-bottom: -5px;
      }

#sidebar ul li ul li {
      padding: 0px;
      margin: 0;
      }


/*Sidebar search form*/

#sidebar #searchform #s {
      width: 108px;
      padding: 2px;
      }

#sidebar #searchsubmit {
      padding: 1px;
      }

/* Calendar */

#wp-calendar {
      width: 230px;
      background: #fff;
      margin-bottom: 10px;
      margin-left: 10px;
      padding: 10px;
      empty-cells: show;
      }

#wp-calendar #next a {
      padding-right: 10px;
      text-align: right;
      }

#wp-calendar #prev a {
      padding-left: 10px;
      text-align: left;
      }

#wp-calendar a {
      display: block;
```

```css
      }

#wp-calendar caption {
      margin-left: 0px;
      padding-top: 10px;
      text-align: center;
      color:#000 !important;
      }

#wp-calendar td {
      padding: 3px 0;
      text-align: center;
      }

#wp-calendar #prev a, #wp-calendar #next a {
      font-size: 9pt;
      }

#wp-calendar a {
      text-decoration: none;
      }

#wp-calendar caption {
      font: bold 1.3em 'Lucida Grande', Verdana, Arial, Sans-
Serif;
      text-align: center;
      }

#wp-calendar th {
      font-style: normal;
      text-transform: capitalize;
      }


/*=================================================================
=
      Begin Comments
==================================================================
=*/

#replies {
      background: #efefef;
      padding: 10px;
      width: 460px;
      }

ol.commentlist {
      margin:0;
      padding:0;
      }

.commentlist li {
```

```
        list-style:none;
        margin-bottom:14px;
        }

.commentlist cite {
        padding: 5px;
        display:block;
        font-style:normal;
        font-size:11px;
        background: #be0000;
        color:#fff;
        }

.commentlist a:link, .commentlist a:visited {
        color:#efefef;
        }

.commentlist a:hover, .commentlist a:active {
        color:#000;
        }

.commentlistciteimg {
        float:left;
        margin-right:9px;
        }

.commentlist .author {
        font: small-caps bold 14px Georgia, "Times New Roman",
Times, serif;
        }

.commentlist .time {
        background: url(images/clock.png) top left no-repeat;
        padding-left:20px;
        }

.commenttext {
        background: #fff;
        padding: 0 10px;
        color:#000;
        margin-top: 0;
        border-top: 1px solid #fff;
        border-bottom: 5px solid #000;
        }

#commentform input {
        background: #fff;
        color: #000;
        width: 170px;
        padding: 2px;
        margin: 5px 5px 1px 0;
        }
```

```css
#commentform {
      margin: 5px 10px 0 0;
      }

#commentformtextarea {
      background: #fff;
      color: #000;
      width: 430px;
      padding: 2px;
      }

#respond:after {
      content: ".";
      display: block;
      height: 0;
      clear: both;
      visibility: hidden;
      }

#commentform #submit {
      margin: 0 0 5px auto;
      float: left;
      background: #be0000;
      color: #fff;
      font-size: 12px;
      font-family: Georgia, Times New Roman, Trebuchet MS;
      padding: 2px 4px 1px 4px;
      font-weight: bold;
      border: none;
      }

#commentform p {
      margin: 5px 0;
      font-weight: normal;
      line-height: 14px;
      text-transform: none;
      font-family: 'Lucida Grande', Verdana, Arial, Sans-Serif;
      }

.nocomments {
      text-align: center;
      margin: 0;
      padding: 0;
      }

/*==================================================================
=========
      Footer
====================================================================
=========*/
```

```css
#footer {
      background: #000 url(images/footer.png) top left repeat-x;
      margin: 0 auto;
      width: 1000px;
      padding-top:10px;
      padding-bottom:10px;
      color:#ff0000;
      clear: both;
      text-align: center;
      }

#binfo{
      margin-bottom: 10px;
      color: #efefef !important;
      }

#binfo a, #binfo a:link, #binfo a:visited{
      color:#fff !important;
      }

#binfo a:hover{
      color:#000 !important;
      }

#footer a, #footer a:visited {
      color:#be0000;
      }

#footer a:hover {
      color:#ccc;
      }

/*===============================================================
      Begin Images
================================================================
*/

pimg {
      padding: 0;
      max-width: 100%;
      }

img.centered {
      display: block;
      margin-left: auto;
      margin-right: auto;
      }

img.alignright {
      padding: 4px;
      margin: 0 0 2px 7px;
      display: inline;
```

```css
    }

img.alignleft {
    padding: 4px;
    margin: 0 7px 2px 0;
    display: inline;
    }

.alignright {
display: block;
    float: right;
    }

.alignleft {
display: block;
    float: left;
    }

aimg {
    border: none;
    }


/*===================================================================
==
    Captions
===================================================================
==*/

.aligncenter, div.aligncenter {
    display: block;
    margin-left: auto;
    margin-right: auto;
    }

.wp-caption {
    border: 1px solid #ddd;
    text-align: center;
    background-color: #f3f3f3;
    padding-top: 4px;
    margin: 10px;
    }

.wp-caption img {
    margin: 0;
    padding: 0;
    border: 0 none;
    }

.wp-caption p.wp-caption-text {
    font-size: 11px;
    line-height: 17px;
```

```
padding: 0 4px 5px;
margin: 0;
}
```

b) Layout Code:

```php
<?phpget_header(); ?>
<div id="pbody">

<?php include(TEMPLATEPATH."/slider.php");?>
<?php include(TEMPLATEPATH."/sidebar1.php");?>

    <div id="content">
<div id="home-tabs">
<div id="mostPopWidget">

    <div id="tabsContainer">
<div id="mostpop">
    <ul class="tabs">

    <li class="selected"><a href="#">Most Viewed</a></li>
    <li><a href="#">Most Commented</a></li>
    <li><a href="#">Top Rated</a></li>
    <li><a href="#">Video of the Day</a></li>

    </ul>
    </div></div>

    <div class="tabContenttabContentActive" id="mostViewed">
    <ul>
    <?php if (function_exists('get_most_viewed')): ?>
        <?phpget_most_viewed('post',10); ?>
    <?phpendif; ?>
    </ul>
    </div>

    <div class="tabContent" id="mostCommented">
    <ul>
    <?php $result = $wpdb->get_results("SELECT
comment_count,ID,post_title FROM $wpdb->posts ORDER BY
comment_count DESC LIMIT 0 , 10");
    foreach ($result as $topten) {
    $postid = $topten->ID;
    $title = $topten->post_title;
    $commentcount = $topten->comment_count;
    if ($commentcount != 0) { ?>
    <li><a href="<?php echo get_permalink($postid); ?>"
title="<?php echo $title ?>"><?php echo $title ?></a> - <?php
echo $commentcount?> comment<?php if ($commentcount> 1) { echo
's' ;} ?></li>
    <?php } } ?>
```

```
    </ul>
    </div>

    <div class="tabContent" id="topRated">
    <ul>
    <?php if (function_exists('get_highest_rated')): ?>
    <?phpget_highest_rated(); ?>
    <?phpendif; ?>
    </ul>
    </div>

    <div class="tabContent" id="vidof">
    <?php $video = get_option('trib_video'); echo
stripslashes($video); ?>
    </div>


    <script type="text/javascript">new
Popular("mostPopWidget");</script>

</div></div>

<?php $my_query = new WP_Query('showposts=5');
while ($my_query->have_posts()) : $my_query->the_post();
  $do_not_duplicate = $post->ID; ?>

                <div class="post">
                <div class="ptitle">
<h2 class="title">
<a href="<?phpthe_permalink() ?>" rel="bookmark" title="Permanent
Link to <?phpthe_title_attribute(); ?>"><?phpthe_title();
?></a></h2></div>
                <div class="entry">
<div class="thumb"><?php if ( function_exists( 'get_the_image' )
) { get_the_image(array( 'custom_key' => array( 'thumbnail' )));
} ?></div>
                    <?phpthe_content_limit(500, "<b>Read
more&#187;</b>"); ?>
</div>
</div>
          <?phpendwhile; ?>

</div>
<?php include(TEMPLATEPATH."/sidebar2.php");?>
</div>

<div id="homenav">
<div id="top" class="alignleft"><a
href="#"><imgsrc="<?phpbloginfo('template_directory');
?>/images/top.png"/></a></div>
<div id="button" class="blog"><a href="<?phpbloginfo('rss2_url');
?>">Subscribe to RSS</a></div>
```

```
<div id="button" class="archive"><a
href="http://feedburner.google.com/fb/a/mailverify?uri=<?php
$feedburner_feed = get_option('trib_feedburner_feed'); echo
$feedburner_feed; ?>/LaCg&amp;loc=en_US" target="_blank">Get the
Newsletter</a></div>
<div id="top" class="alignright"><a
href="#"><imgsrc="<?phpbloginfo('template_directory');
?>/images/top.png"/></a></div>
</div>
<?phpget_footer(); ?>
```

C) Java scripts Code:

- Common:

```
function Popular(target) {
      typeof target == "object" ? this.element = target
:this.element = document.getElementById(target); if
(!this.element) return false;
      this.ul = this.element.getElementsByTagName("ul")[0];
      this.tabs = this.ul.getElementsByTagName("li");
      this.tabContent = this.getTabContent();
      this.bind();
    }

Popular.prototype.getTabContent = function() {
      tabContent= new Array();
      this.divs = this.element.getElementsByTagName("div");
      for(vari = 0; i<this.divs.length; i++) {
if (/tabContent/i.test(this.divs[i].className)) {
tabContent.push(this.divs[i]);
          }
      }
      returntabContent;
    }

Popular.prototype.bind = function() {
      var o = this;
      for(vari = 0; i<this.tabs.length; i++) {
          this.tabs[i].onclick = function() {
          if (this.className != 'selected') {
          o.open(this); return false;
          var a = this.getElementsByTagName("a")[0];
          if (a) a.onclick = function() {
return false;
              }
```

```
                }
            }
        }
    }

Popular.prototype.open = function(caller) {
    for(vari = 0; i<this.tabs.length; i++) {
        var tab = this.tabs[i];
        if (tab == caller) {
            this.collapse();
            tab.className = "selected"
            this.tabContent[i].style.display = "block";
        }
    }
}

Popular.prototype.collapse = function() {
    for(vari = 0; i<this.tabs.length; i++) {
        this.tabs[i].className = "";
        this.tabContent[i].style.display = "none";
    }
}
```

- FX:

```
var $jx = jQuery.noConflict();
    $jx(function() {
      $jx("#A").lavaLamp({
fx: "backout",
speed: 700,
click: function(event, menuItem) {
return true;
            }
        });
      });
```