

IT314 Software Engineering Team 7

Deployment Plan

06 April, 2013

Winter 2012-13
DA-IICT, Gandhinagar

Overview:

This is the Deployment Plan of the Entelechy Website Project. It consists of instructions for deploying the website on server and making necessary changes on WordPress' dashboard to make the website live.

Target Audience:

Software Development Team
Clients

Document Revision History:

Version	Primary Author(s)	Description	Reviewed By	Date
1.0	Nitish, Prashant	Deployment Plan	Abhishek, Swena	06 April, 2013

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1. Introduction

1.1 Purpose

This document will guide the user/client to install and deploy website on server and the necessary changes on has to make on WordPress' dashboard for the same.

1.2 Scope

The scope of this document is to describe the installations and deployment process to the user/client. It might be referred by the network/system administrator for specific WordPress related requirements.

2. Deployment on Server

2.1 Pre-installation Requirements for WordPress¹

PHP 5.2.4 or higher (Download link: <http://php.net/downloads.php>)

MySQL 5.0 or greater (Download link: <http://dev.mysql.com/downloads/mysql/5.0.html>)

The mod_rewrite Apache module (Download link: http://httpd.apache.org/docs/current/mod/mod_rewrite.html)

phpMyAdmin 3.X (Download link: <http://phpmyadmin.net>)

2.2 Installation Instructions

Following are standard instructions used for deploying a developed WordPress based website on server²:

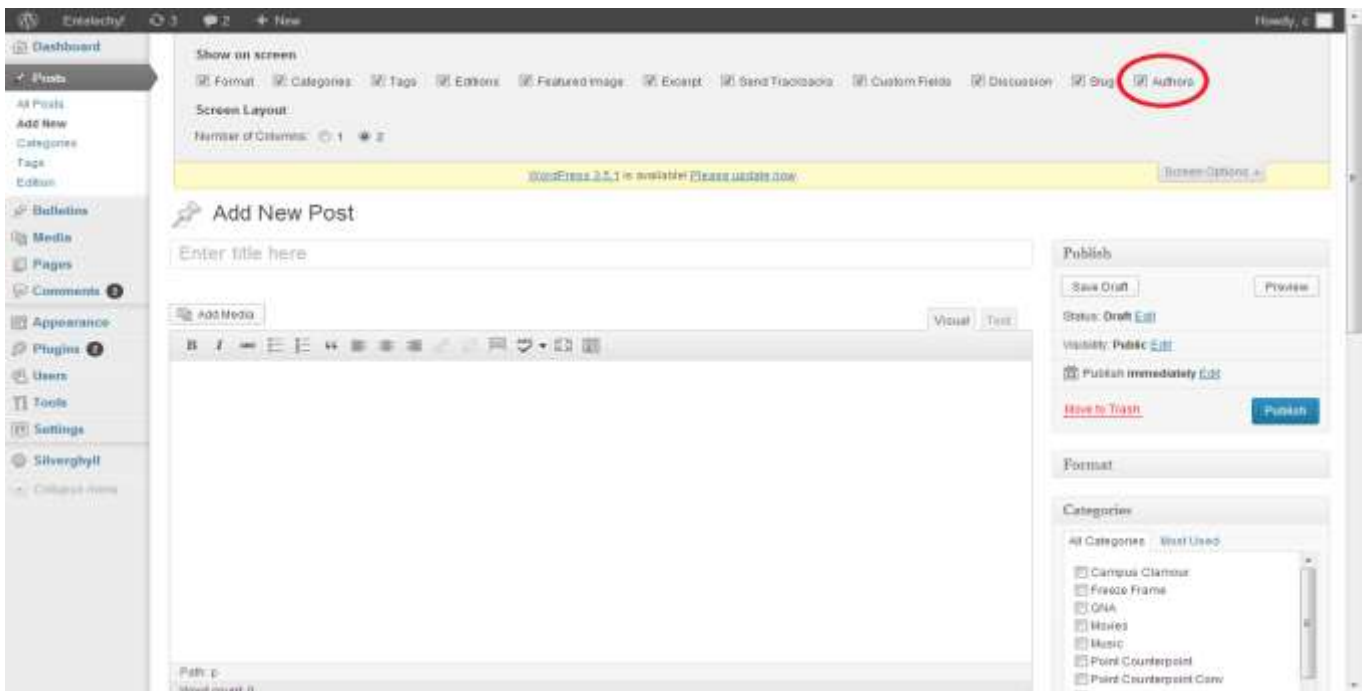
1. tar up your entire wordpress site directory - tar -cvzf mysite.tar.gz mysite/
2. FTP it over to your host
3. SSH to the remote site
4. un-tar the zipped-up files: tar -xvzf mysite.tar.gz
5. Using phpMyAdmin, export your copy of the database to a plain text file
6. Using a good text editor, search and replace source.tld, with destdomain.tld.
7. Also search and replace /source/path/to/files with /destination/path/to/files
8. In the destination phpMyAdmin, back up the destination copy of the WordPress database, if there's anything in there
9. Import the text copy of the database that you have done the search-and-replaces on

¹ WordPress.org Requirements <http://wordpress.org/about/requirements/>

² WordPress.org Forums - <http://wordpress.org/support/topic/how-to-deploy-a-complete-wordpress-site-to-customers-server>

10. Edit the wp-config.php file to set the correct database settings for your destination MySQL setup--database, user, password, and host (that one does not usually need to change)

3. Dashboard Related Changes for Deployment and Usage

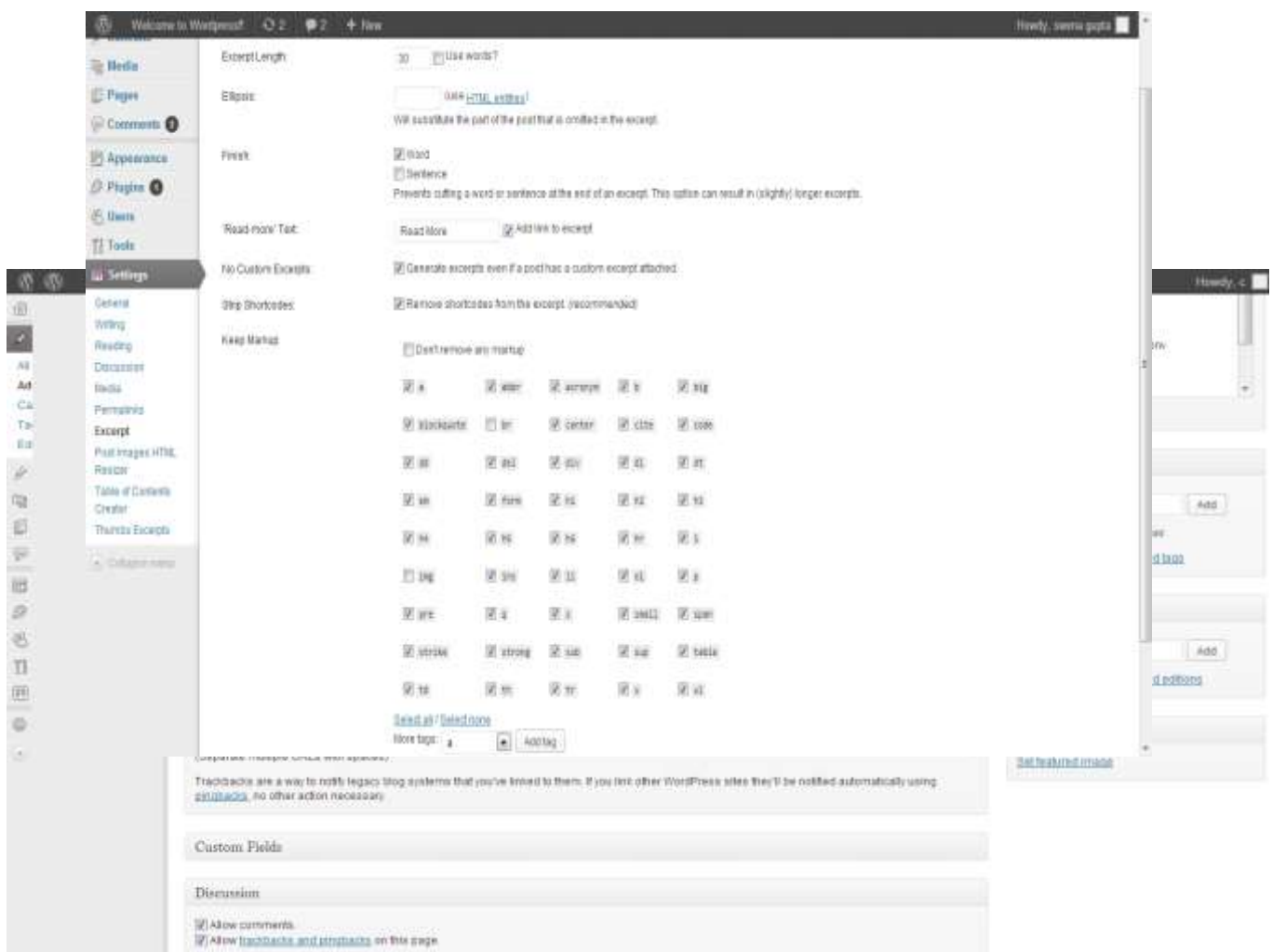


Following are the specific dashboard related changes for the Entelechy Website Project:

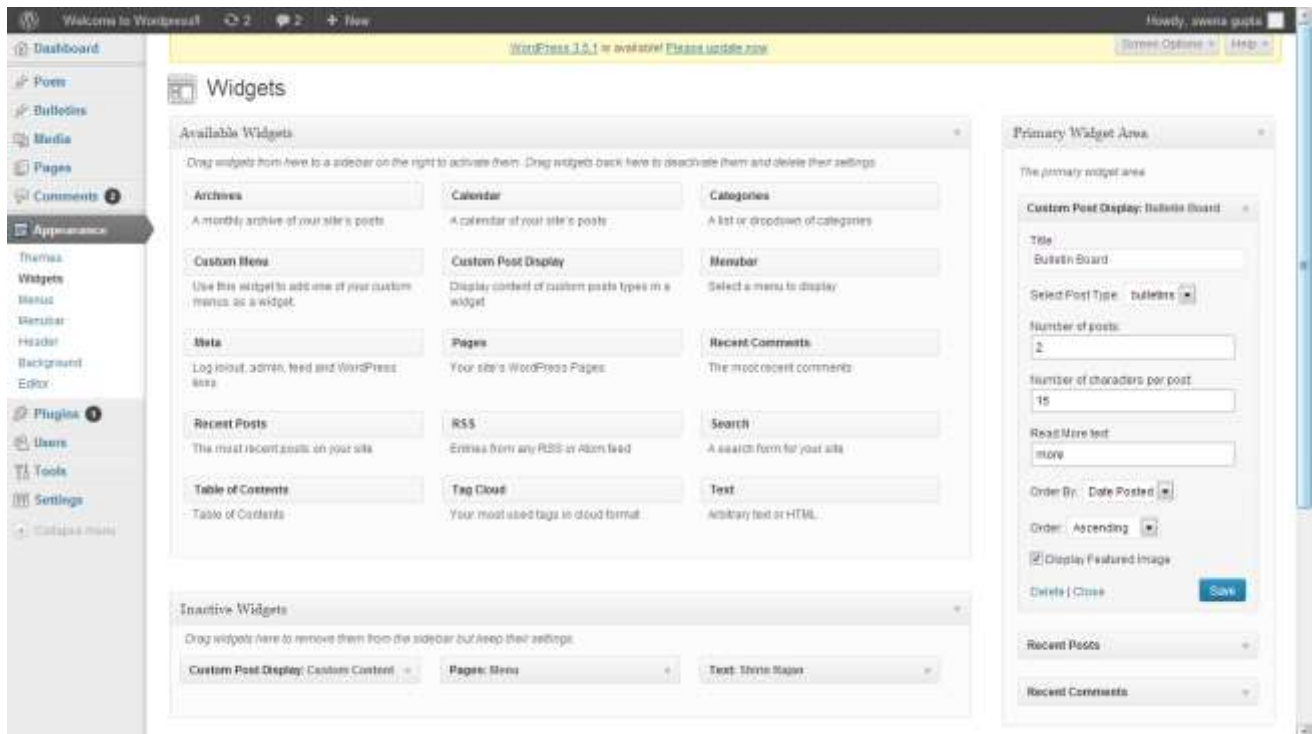
- 1) a) While creating a **new post** the author needs to use **ADD MEDIA** option **instead of SET FEATURED IMAGE**.
 b) The author has to define the **size** of the **image** while adding it to the **post**.
 c) The author should mention the **edition** as well as the **category** to which the post belongs to, while creating the post. The options for the same are provided in the same page on which he/she is creating the post.
- 2) While uploading the “author’s name” has to be chosen from the authors. More than one authors can also be chosen. In order to do this, the user has to check the “Authors” option present in the screen option at the top of the dashboard as shown below

- 3) The daily **bulletins** can be posted in the “bulletins” given in the left side menu in the dashboard. The **title** of the bulletin **should not** exceed **25 characters**. The user has to add the image both in the set featured image as well as in the post using add media in order to show the image both in the bulletin board as well as the bulletin content page.
- 4) The admin can **add pages and categories** to the **menu** by including them in “**menus**” in the **appearance** provided in the left navigation bar of the dashboard.
- 5) The **plugins** used are :
 - a) **Advanced excerpt** – This is used to limit the size of the excerpt using characters or word count.

The settings for the same are shown in the following figure:

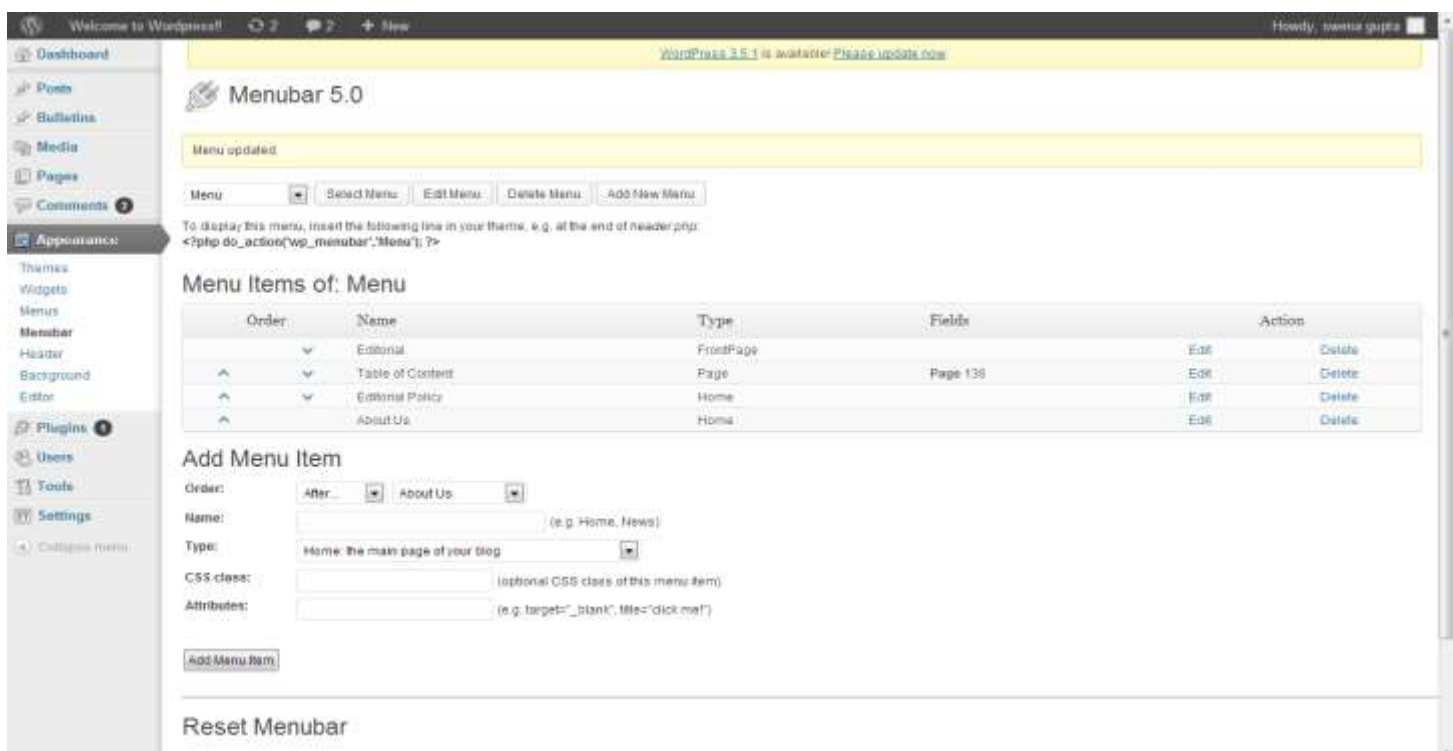


- b) **Avatars:** It manages private and public avatars. The user can see upload image option in the “edit my profile” option provided in the top right corner of the dashboard.



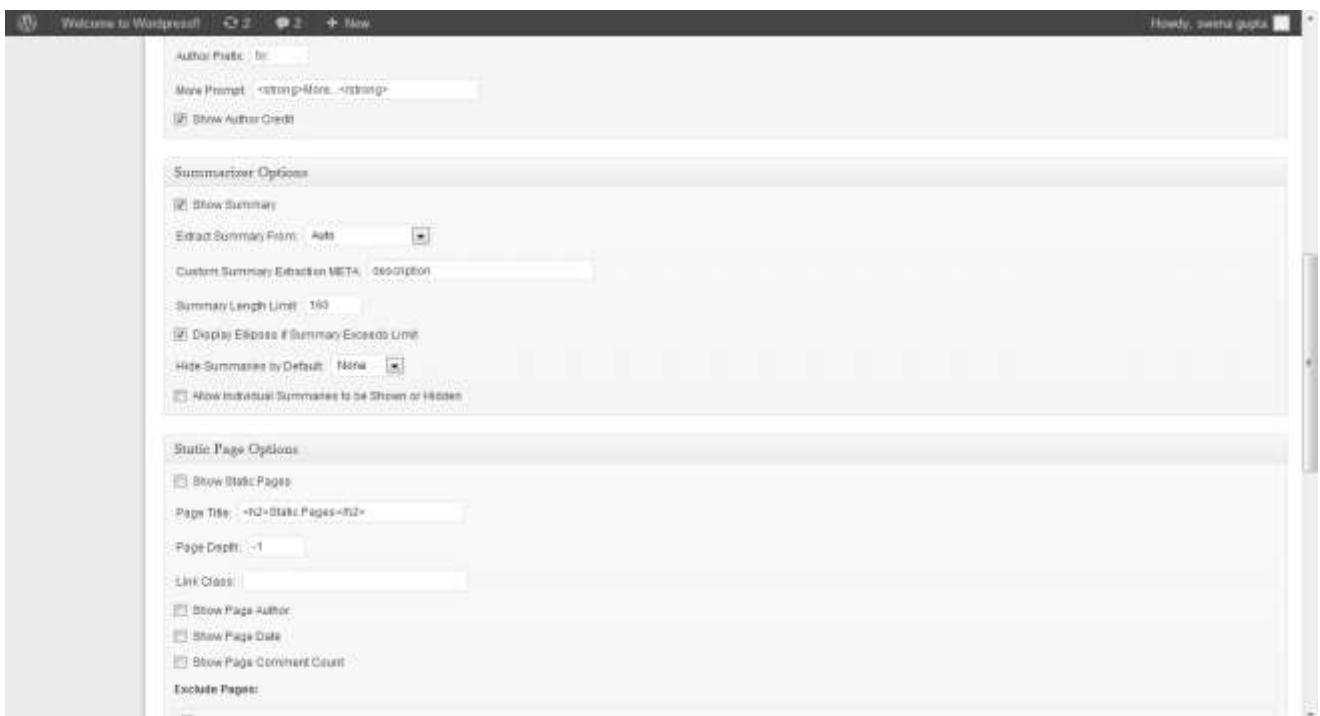
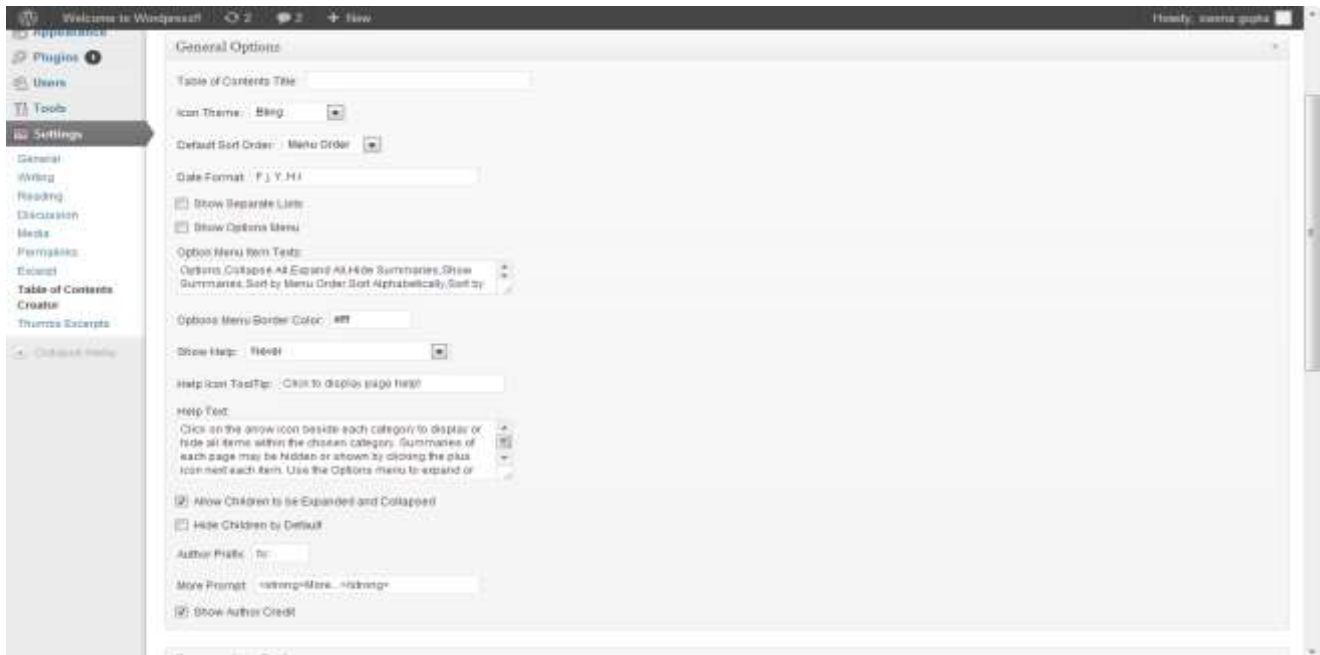
- c) **Custom post display:** This displays the content of custom posts types (**Bulletins** here) in a widget. The user needs to add the custom post display widget in the primary widget area and provide the following settings:

- d) **Menubar:** This plugin is used to configure an **additional menu**. This line
`<? php do_action('wp_menubar','menu'); ?>`
 Has to be added in the header.php, header-freeze-frame.php, header-editorial.php and header-point-counterpoint.php files depending upon the position of the new menu bar required in the front end. The settings for this plugin are as follows:



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- e) **Remove link URL:** Used to remove the link url that is enabled by default when images are uploaded in the wordpress blog.
- f) **Table of content creator:** It automatically generates dynamic site wide table of contents that is always up-to-date. Snapshots for the setting page is given below:



Welcome to WordPress! 2 2 New Howdy, swarna gupta

☐ Editor (ID: 48)
☐ Recent (ID: 98)
☐ Contact (ID: 11)
☐ Table of Contents (ID: 136)

Blog Post Options

☒ Show Blog Posts

Blog Title:

☒ Show Posts Total

Category Prefix:

Number of Blog Posts:

☐ Don't Show Categories

☐ Show as Flat List

☒ Show More Prompt

☐ Show Posts Warning

Posts Warning Text:

☒ Show Post Author

☒ Show Post Date

☐ Show Post Comment Count

Exclude Categories:

☐ Campus Glamour (ID: 7)
☐ Frame Frame (ID: 5)
☐ GHA (ID: 3)
☐ Random Noise (ID: 8)
☐ Uncategorized (ID: 1)

Forum Comment Options

Welcome to WordPress! 2 2 New Howdy, swarna gupta

Exclude Pages:

☐ Sample Page (ID: 2)
☐ Vaidi (ID: 31)
☐ Sports (ID: 38)
☐ Events (ID: 48)
☐ Editor (ID: 48)
☐ Recent (ID: 98)
☐ Contact (ID: 11)
☐ Table of Contents (ID: 136)

Blog Post Options

Forum Comment Options

Update Options:

In order to save any changes, you must press the Update Options button before leaving this page or using the create page facility below

[Update Options »](#) [Load Default Options »](#)

Create Page

For your convenience, the plugin can also create a new table of content page for you. Simply fill in the title and slug (path) details, and press the Create Page button to create the page. The trigger text will be added automatically to the new page.

Please note: if you have changed any of the default settings, make sure you have pressed the Update Options button above before creating the new page.

Page Title:

Page Slug:

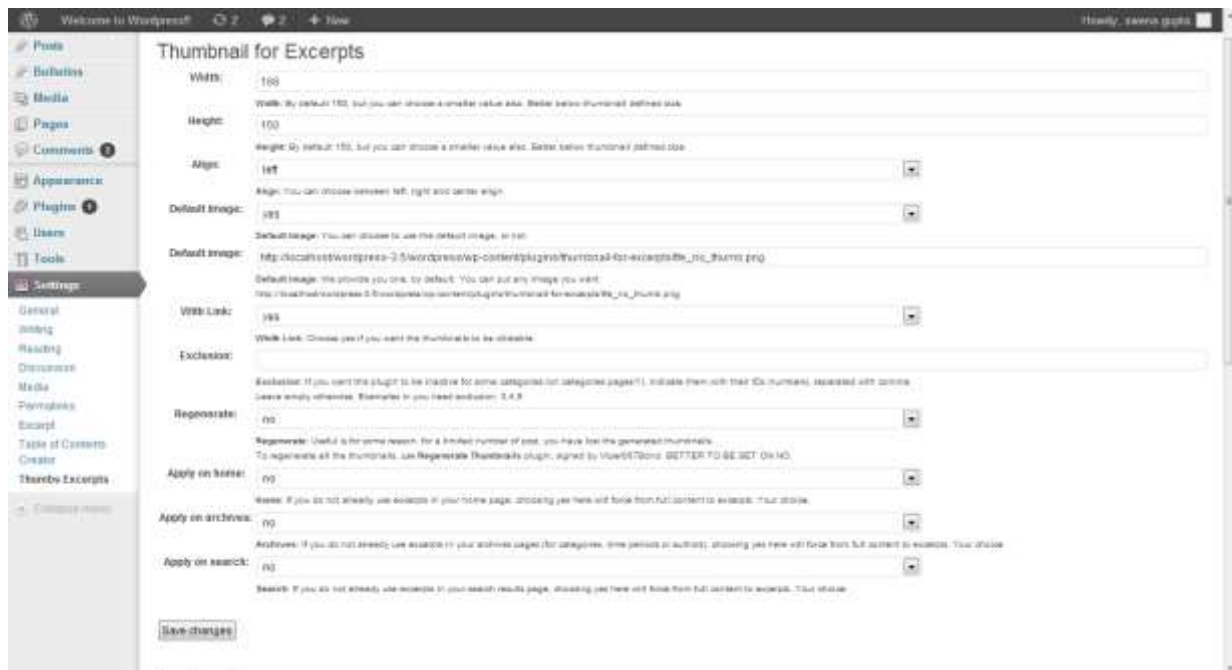
[Create Page »](#)

Acknowledgments

I wish to personally acknowledge the following people for their valuable contributions:

[Cato Pelt](#) - Italian translation
[Fernando J. Pacheco](#) - Spanish (castilian) translation

- g) **Thumbnail for excerpts:** used to add thumbnail wherever you show excerpts. The settings for the same are shown in the following figure:



- h) **Taxonomy Picker:** It is used for choosing specific categories and custom taxonomies (i.e. Editions) from drop down boxes. Place the taxonomy picker widget from available widget area to primary widget area.

Taxonomy Picker

Title:

☒ Hide text search?

Combobox type:

Flat

(Multi-select may not work with all themes)

Taxonomies

Taxonomy	Fix/Initial	Order By	Sort
<input checked="" type="checkbox"/> Categories			
<input type="checkbox"/> Tags	All Items	Label	Asc
<input checked="" type="checkbox"/> Editions	All Items	Label	Asc

If on, the value is the initial one; if off, value is fixed to restrict search

Categories

Title:

Select: All: ☒ | Incl: ☐ | Excl: ☐

Enter category IDs separated by commas

Pages

Select: All: ☒ | Incl: ☐ | Excl: ☐

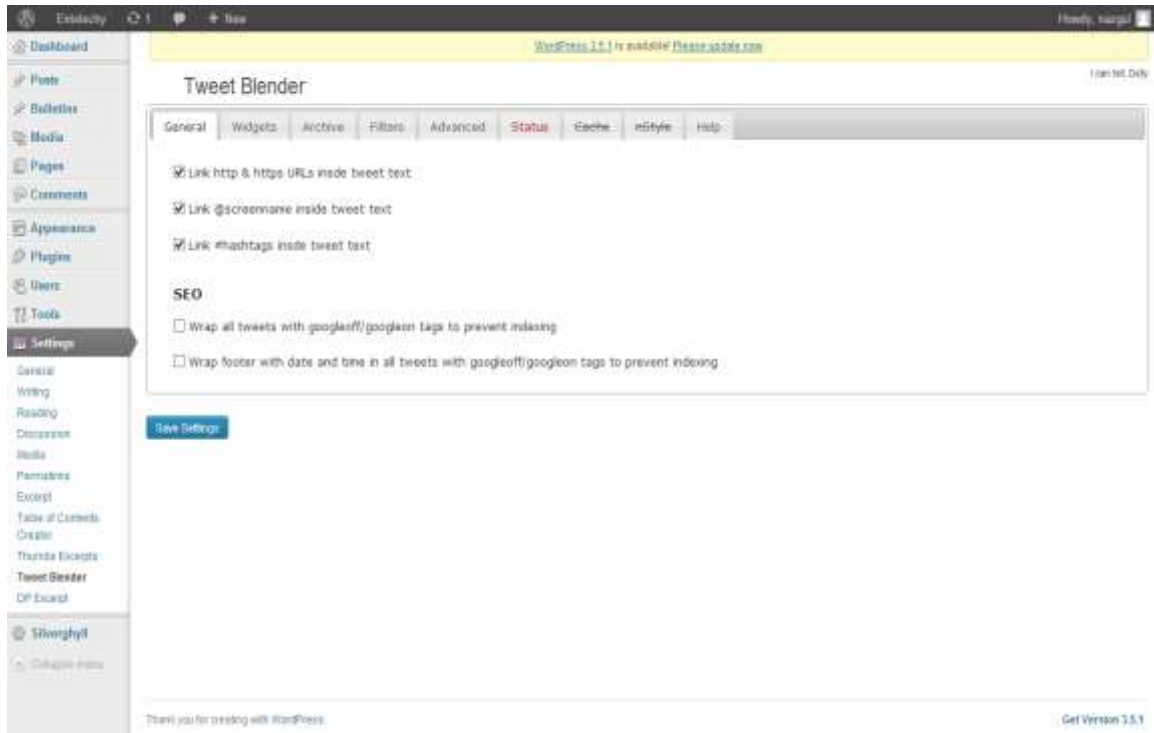
Enter page IDs separated by commas

Delete | Close

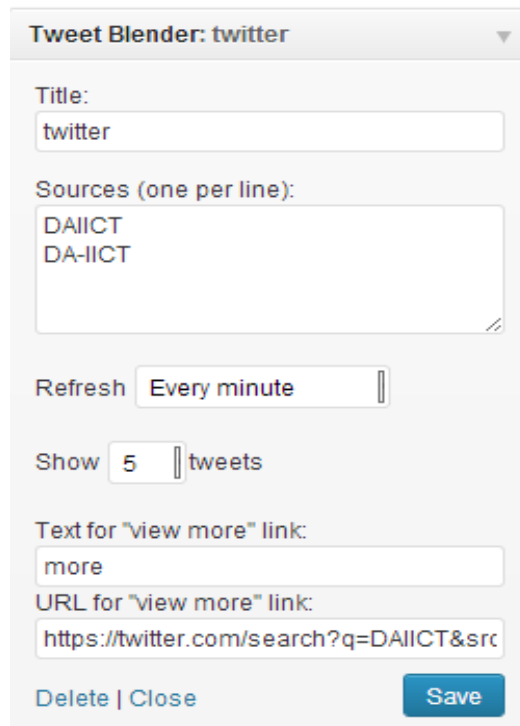
Save

- i) **Tweet blender:** It shows tweets for hash tags and handles such as #DA-IICT, @DA-IICT.

The settings for the same are shown in the following figure:



Place the **tweet blender** widget from the available widget to the primary widget section.



j) **Register Plus:** It is used for the registration process of the user.

The settings for the same are shown in the following figure:

Register Plus Settings

[Save Changes](#)

Password

- ☒ Allow New Registrations to set their own Password
- ☒ Enable Password Strength Meter
 - Short: Too Short
 - Bad: Bad Password
 - Good: Good Password
 - Strong: Strong Password

Custom Logo

[Choose File](#) No file chosen Recommended logo width is 282px, but any height should work.

Having trouble uploading? Uncheck "Organize my uploads into month- and year-based folders" in [Media Settings](#). (You can replace this option after your logo has uploaded.)

Email Verification

- ☒ Prevent fake email address registrations. Require new registrations to click a link in the notification email to enable their account.
- Grace Period (days):
- Unverified Users will be automatically deleted after grace period expires.

Admin Verification

- ☐ Moderate all user registrations to require admin approval. NOTE: Email verification must be DISABLED to use this feature.

Invitation Code

- ☐ Enable Invitation Codes

CAPTCHA

- ☒ None ☐ Simple CAPTCHA [or reCAPTCHA](#)

Disclaimer

- ☐ Enable Disclaimer

License Agreement

- ☐ Enable License Agreement

Privacy Policy

- ☐ Enable Privacy Policy

Allow Existing Email

- ☐ Allow new registrations to use an email address that has been previously registered.

Additional Profile Fields

Check the fields you would like to appear on the Registration Page.

Name

- ☒ First Name ☒ Last Name

Contact info

- ☒ Website ☐ AIM ☐ Yahoo IM ☐ Jabber / Google Talk

About Yourself

- ☐ About Yourself

Required Profile Fields

- ☒ First Name ☒ Last Name ☐ Website ☐ AIM ☐ Yahoo IM ☐ Jabber / Google Talk ☐ About Yourself

Required Field Style Rules

User Defined Fields

Enter the custom fields you would like to appear on the Registration Page.

Enter Size Options for Select, Checkboxes and Radio Fields as comma separated values. For example, if you choose a select box for a custom field of "Gender", your size options could be "Male|Female".

Custom Field

[Add Registration Field](#) [Add Profile Field](#) ☐ Required

Date Field Settings

First Day of the Week: Date Format: First Selectable Date:

Default Year: Default Month:

Auto-Complete Queries

You can now link to the registration page with queries to autocomplete specific fields for the user. I have included the query keys below and an example of a query URL.

user_login user_email first_name last_name website aim yahoo jabber about_code

For any custom fields, use your custom field label with the text all lowercase, using underscores instead of spaces. For example if your custom field was "Middle Name", your query key would be middle_name

Example Query URL

http://www.kalidass.com/16317.php?action=register&user_login=Kallidass&user_email=kallidass@kalidass.com&first_name=K&last_name=D&website=www.kalidass.com&aim=kallidass&yahoo=kallidass&jabber=kallidass&about_code=K&D&middle_name=Kallidass

Customize User Notification Email

Custom User Email Notification: ☐ Enable

- k) **Co-Authors Plus:** Allows multiple authors to be assigned to a post.
- l) **Love It:** Adds a like button at to posts, pages and custom post types.
- m) **Wordpress Popular Posts:** It showcases your most popular posts to the visitors of the site on the no. of comments or no. of vies or avg. no. of daily views. It can be used as a widget and can be placed anywhere in the primary widget area. The settings for this are shown below:

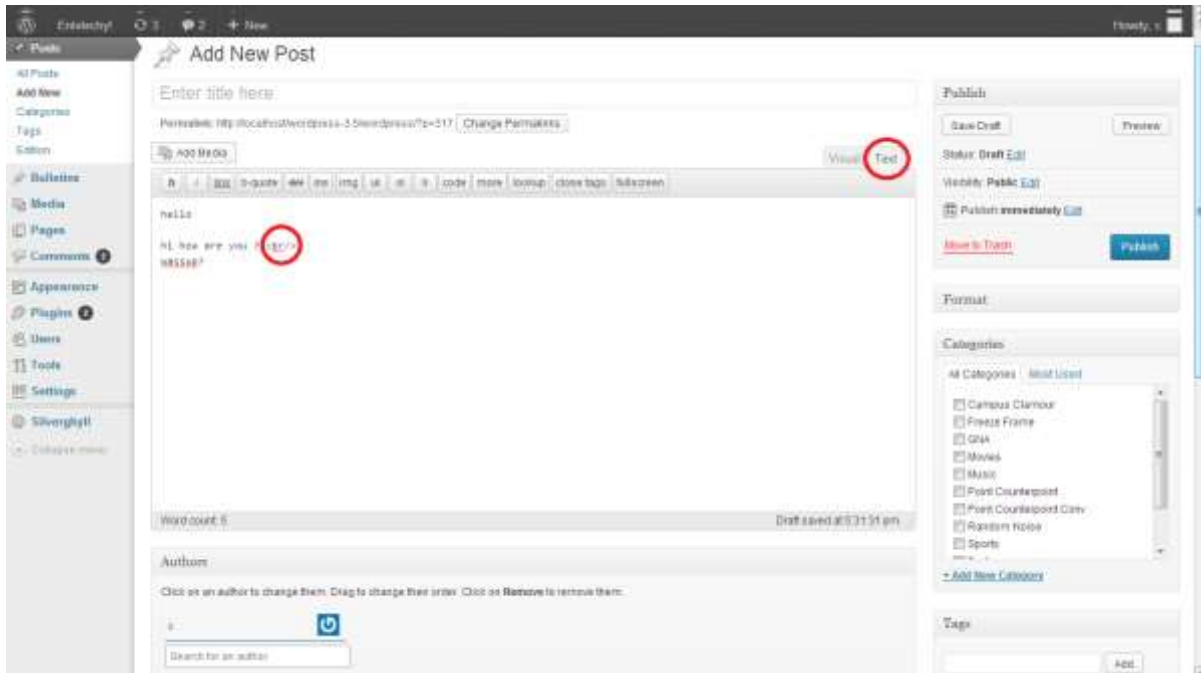
The image shows the settings for the 'Wordpress Popular Posts' widget. The settings are organized into several sections:

- Title:** A text input field containing 'Popular Posts'.
- Show up to:** A text input field containing '10' followed by the word 'posts'.
- Time Range:** A dropdown menu set to 'Last 30 days'.
- Sort posts by:** A dropdown menu set to 'Comments'.
- Posts settings:** A section with two checkboxes: 'Shorten title' and 'Display post excerpt', both of which are currently unchecked.
- Filters:** A section with three text input fields: 'Post type(s)' containing 'post,page', 'Category(ies) ID(s)', and 'Author(s) ID(s)', all of which are currently empty.
- Thumbnail settings:** A section with one checkbox: 'Display post thumbnail', which is currently unchecked.
- Stats Tag settings:** A section with four checkboxes: 'Display comment count' (checked), 'Display views', 'Display author', and 'Display date', all of which are currently unchecked.
- HTML Markup settings:** A section with two checkboxes: 'Use custom HTML Markup' and 'Use content formatting tags', both of which are currently unchecked.

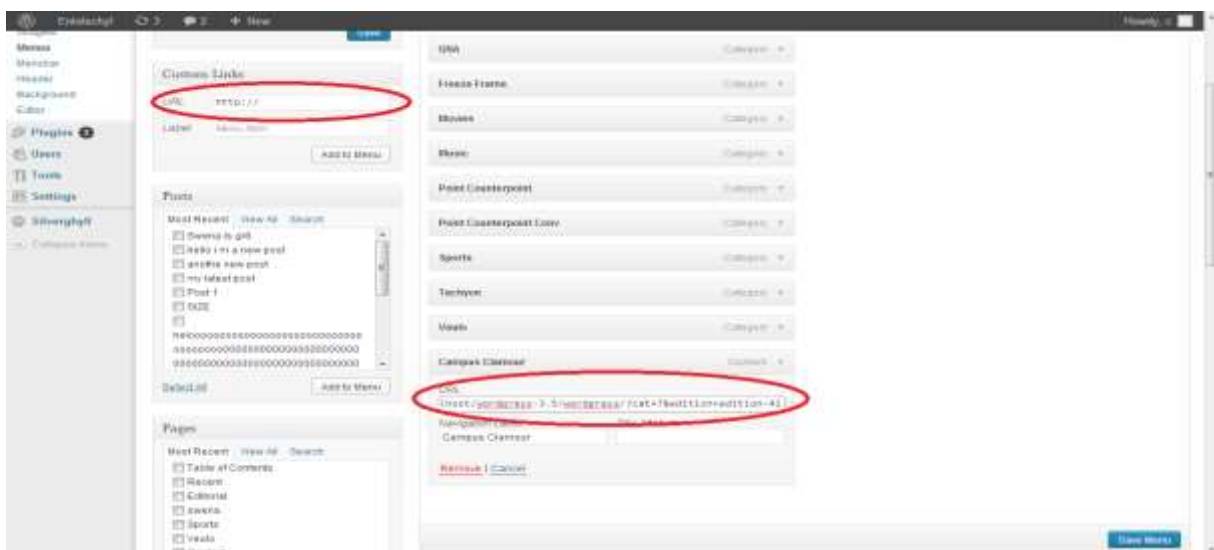
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- 6) If the user posts for point counterpoint(in which two articles are there) then he has to first post the article which needs to be visible at the right hand side and then post the article which should appear in the left hand side.
- 7) If the user is posting for point counterpoint(in which conversation is there) then the user has to press enter in order to show whatever the other person wants to say. If the user himself wants to use a new statement then he has to add
 tag after that statement in the text region of the edit post.

The text region is shown as below:



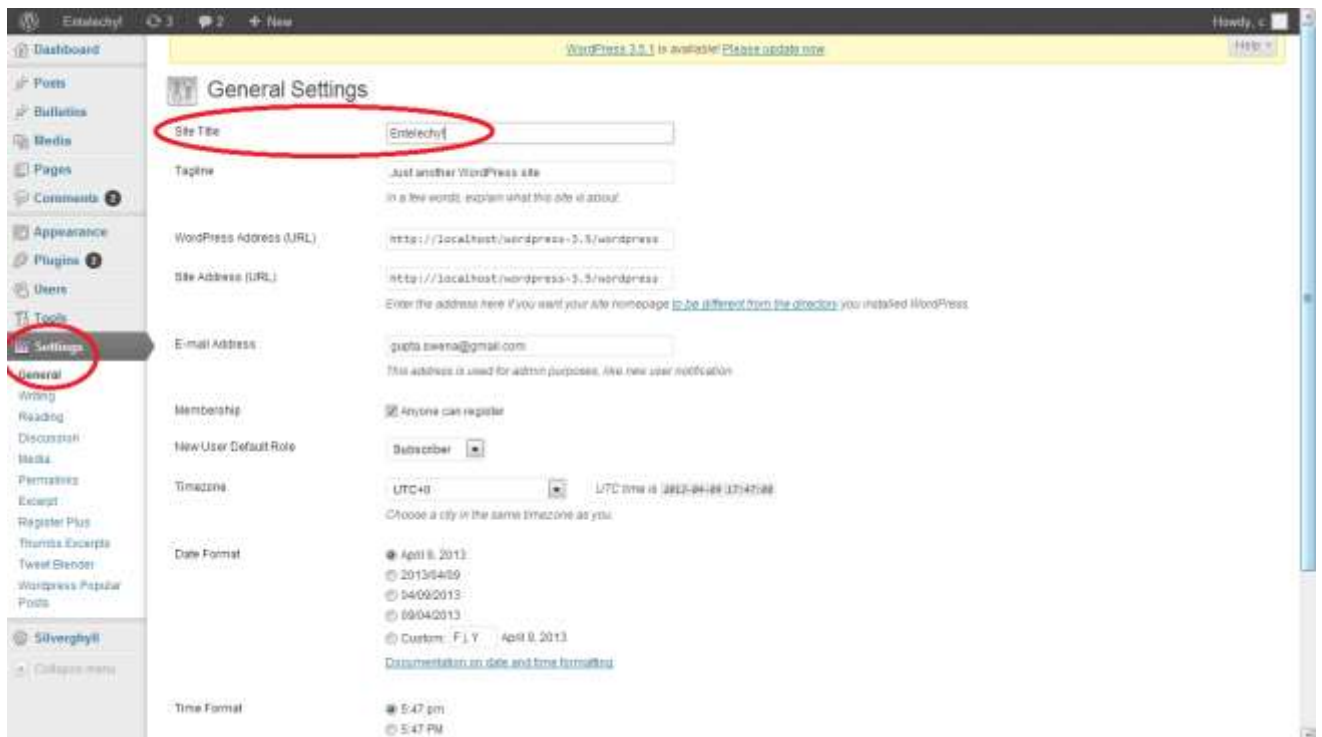
- 8) To show category archives of a particular edition the user has to change the custom link in MENUS according to the edition as shown below



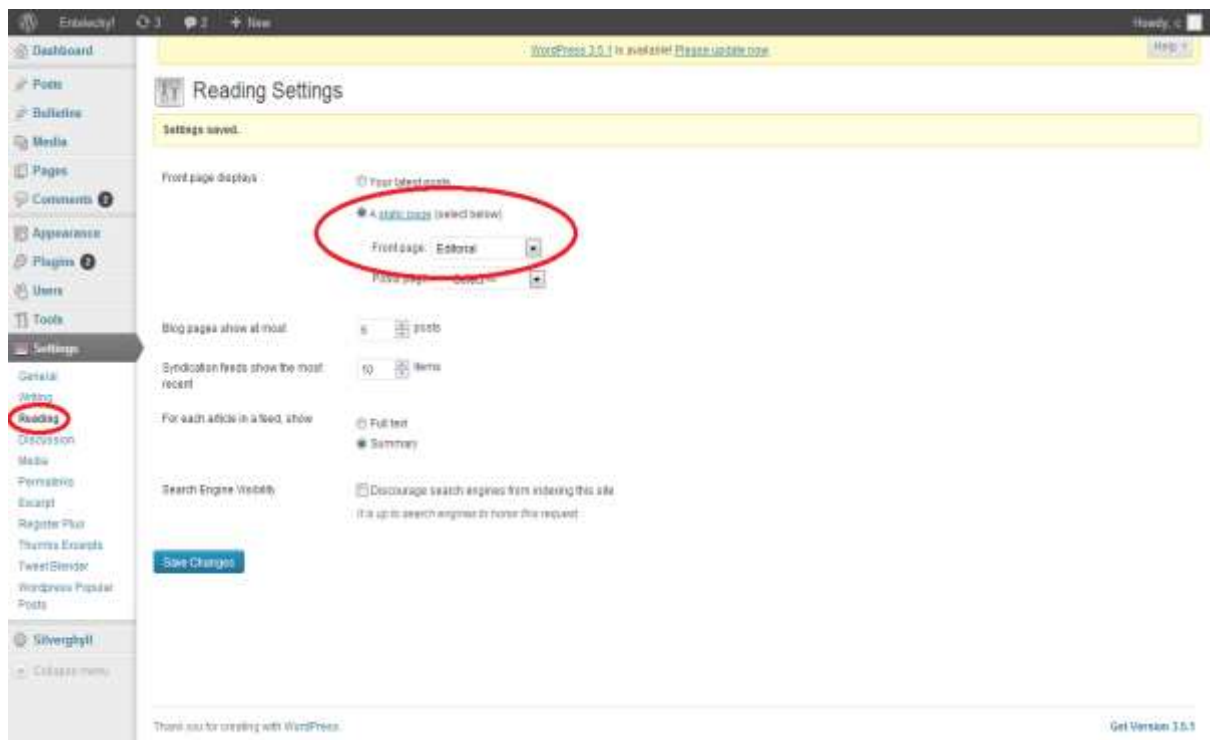
- 9) To show the Table of Contents for a particular edition, the user has to edit the custom link in MENUBAR for table of contents with the date on and after which he wants to show the posts in it. This needs to be done as follows:



- 10) In order to edit the site title the user should edit the site title field in the Settings->General with the title he wants to keep. Example of the same has been shown below.



- 11) In order to set the home page as the Editorial the user has to make the following changes in the Settings->Reading



- 12) The user has to make following changes in Settings->Discussion

