Implement and profiling the MPTT technique in WordPress
Status Assessment

Version 2.1

Revision History

Date	Version	Description	Author
13/11/09	2.1	Weekly report	Ajith

Table of Contents

Status Assessment

1. Introduction

The document provides the goals which are achieved during the third week of implementing and profiling the MPTT technique for WordPress.

1.1 Purpose

Purpose of the document is to provide the detail description of third week work.

1.2 Scope

Give only the detail discretion of works carried out during the third week.

1.3 References

- Rup based status assessment reports.
- Some of previous documents.
- http://codex.wordpress.org/Database_Description
- http://www.w3schools.com/sql/default.asp
- http://www.wallpaperama.com/forums/mptt-modified-pre-order-tree-transversal-php-tree-menu-script-t5713.html
- http://articles.sitepoint.com/article/hierarchical-data-database/2

1.4 Overview

This week I achieved many things regarding my project compare to previous week. Previous week I didn't make any development but got some knowledge in PHP. This week I have been started the coding process. Now I am applying the MPTT technique on sample data and later planned to apply on WordPress database. The following contents describe the risks, technical progress and milestones which are achieved during this week.

2. Resources

2.1 Personnel and Staffing

It is an individual project, so I'm the only one person involving in the project.

3. Top 5 Risks

Risk ranking	Risk discretion	Strategy to overcome the risk
1	My coding process is not efficient, because I spend more time to write a small piece of code.	1. Before start the coding process, get the abstract idea. 2. First write a pseudocode which will show the abstract of the coding then start to code.
2	Applying the MPTT technique to wordpress database is ok but profiling the MPTT technique to wordpress is very hard, due to wordpress page a structure and the existing algorithm that is currently used with wordpress.	1. The main goal of the project is applying and profiling the MPTT technique to wordpress. 2. So keep the existing algorithm that used to display the content of database. 3. Apply the MPTT technique to wordpress database. 4. Provide a separate page to display the content of the database using MPTT technique.

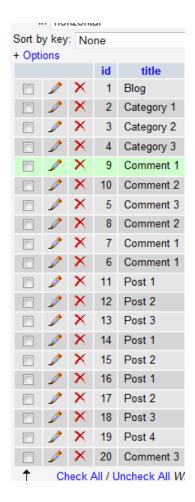| 3 | Afraid to touch the wordpress core and implement my project into the core. | 1. Just leave the core story
2. Apply the function through plug-in
3. Provide a separate page to show the content with MPTT technique. |
| 4 | Running out of time. | 1. Work with schedule |
| 5 | Lack of knowledge in MySQL | 1. Get more resources from Internet. |

4. Technical Progress

- Studied about working mechanism of MPTT.
- Got basic knowledge in SQL.
- Working with Dreamweaver.

This is a sample that shows the how the database structure changed after MPTT technique applied. The MPTT technique adds two new fields to store the left and right value of the note.

This page displays the content of the database as category using MPTT technique.

5. Major Milestone Results

- Got basic knowledge in MySQL.
- Applied MPTT technique on a sample data to display the content of the database as a webpage.
- Got knowledge about MPTT technique.

6. Total Project or Product Scope

It is same as the scope that already specified in this document.

7. Action Items and Follow-through

None