

Google Summer of Code 2008 Project Proposal

DRUPAL.ORG USERNAME:

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LINK TO PROPOSAL DISCUSSION:

BENEFITS TO DRUPAL/OPEN SOURCE COMMUNITY:

This will highly benefit to the Drupla open source community as a network tool, by providing separate user accounts by Drupal the sense of the social network can be made. Not only that but also using the Yahoo and MSN Contact API Drupla can be implement as a decentralized unit of peoples.

This is a kind of creating path to use Drupal functionalities for the Gmail users.

PROJECT DETAILS:

The GCD(Google Contacts Data) API can be used to view and update Contacts content in the form of Google Data API feeds. This module can request a list of a user's contacts, edit or delete content in an existing contact, and query the content in an existing contact. The main benefit behind the seen is maintain relationships between registered user of the Drupal.

Drupal is not a traditional CMS, it attached wide range of functionalities due to modules add on that. According to the my feel Google Contact Module will open a new door to the Drupal by providing facility to achieve social site functions.

Not only that but also this module expose the GCD API by providing facility to retrieve Contacts information in the same way it does so that the usefulness of the Google Contact Module will become high.

DELIVERABLES:

The deliverables for the project as below:

- Specification and design documents.
- Prototype of the Module.
- Installation files and Database structure with Readme.
- Featured module which connected to the core of the Drupal with GCD API enabled and enhanced in security.

PROJECT SCHEDULE:

Task 1: Study about the Google Contact Data API and do the documentation under creating Drupal module.

Duration: 2 weeks

Deliverable: Provide a Design document and the specification .install files and draft on Drupal module.

Task 2: Implement the module prototype to achieve the core concept of getting contacts from the Gmail and display the contact information as a list to be done any action. In this step only create UI for the display contacts.

Duration: 2 weeks

Deliverable: Working GCD API Module client prototype.

Task 3: Development module first part.

Duration: 3 weeks

Deliverable: Submit the module.

Deliverable: Submit the module.

Task 5: Embedded the other features.

Duration: 3 weeks

Deliverable: Submit the module.

Task 6: Finalizing the Drupal module by fixing bugs if exists.

Duration: 2 weeks

Deliverable: Submit the module.

Task 7 : Make documentation and read me and help documentation.

Duration: 1 weeks

Deliverable: Complete the module.

Task 4: Fixed existing bugs and go in to Module development step 2.

Duration: 3 weeks

Deliverable: Submit the module.

Task 5: Embedded the other features.

Duration: 3 weeks

Deliverable: Submit the module.

Task 6: Finalizing the Drupal module by fixing bugs if exists.

Duration: 2 weeks

Deliverable: Submit the module.

Task 7 : Make documentation and read me and help documentation.

Duration: 1 weeks

BIO:

Currently, I'm an undergraduate of the department of Computer Science and Engineering University of Moratuwa, Sri Lanka (UoM). The sick about web sites began few year ago, as one of friend ask to build a dynamic website for a student society of University of Moratuwa. I could impressed the coordinators and web team of the society. I used PHP and MySQL as scripting language as I began my PHP career I fortunate to work under several projects like Drupal module for WSO2(www.wso2.org) and Joomla project for University of Moratuwa alumni, not only that I worked for Dialog voice mail system administration module which was a combination of Ajax and PHP. As my computer spirit initially powered by PHP I expanded in to Java,C,C++,Perl,Ajax,Java script and many more.

The power of the Drupal came in to my hands due to the WSO2 training project, I gave my contribution in to the Drupal by making e-learning module for the wso2.org. I used flash node and video module with SWF Tools.

My user id on Drupal - <http://drupal.org/user/199102>

Bibliography

University of Moratuwa - <http://www.mrt.ac.lk>

Department of Computer Science and Engineering <http://www.cse.mr.ac.lk>

Drupal <http://drupal.org>