Supportland PSU Capstone Project 2011-12

Supportland is a rewards platform with a mission to help foster economic growth in local communities by bolstering independent businesses through a collaborative model. Our platform gives the independent business a competitive edge over their national and global competitors. Collectively independent businesses have a larger foot print, more boots on the ground and a stronger message then larger entities such as Starbucks or Walmart. Our platform allows independent businesses to harness that collective power.

The Supportland platform is flexible in that new and diverse products can be run on it. Currently we are running a rewards system that includes collaborative marketing using Supportland points, punch cards and contests. In the near future three new products will roll out that specifically meet the needs of our local economy here in Portland.

Proposal 1: Supportland add-on module(s) for X (preferred)
Build a plug-in or series of plugins for Druple, Plone, Wordpress or other that allows the 100's communities across the country to plug into the collaborate economy. We are releasing a REST API that can be used create modules that interact with Supportland data and services. Examples range from pulling business information for display to creating Javascript drop-in widgets that allow users to obtain rewards and other items on third party websites.

This is an end to end project that will require research, building specifications and coding. Many of the popular canned CMS/Blog Community sites are written using Javascript/PHP and these are our primary languages. Specific PHP language knowledge not imperative as we have had great success with non PHP programmers jumping into existing frameworks.

Proposal 2: Data Visualization:
Create a flexible user interface for generating graphical diagrams that help local businesses and local leaders understand the data provided by the collaborative economy. Information for graphs is derived from anonymous transactional data that includes geographical points and time. Depending on time constants it could also include, campaign and social media data.

This is an end to end project that will require research, building specifications and coding. Since our primary mode of delivery is web and we would like the data to be somewhat interactive the languages could include Javascript and HTML5 or third party plug-ins. Our preference is Javascript and HTML5.

Working with Supportland:
We have an eclectic team of amazing productive people who also love to have a good time. Our team includes folks from fine arts, engineering, economics and finance. We are continually building our team and always looking for brilliant folks with great hearts who want to change the world.

We look forward to working with you.

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