ICT Project Nomination Form 2011

The teams choose projects based on this short description. There is no guarantee that your project will be taken, make it sound as interesting and as educational as possible.

Project Title: Threatened Plants Tasmania: Web site and services
(one line – catchy but informative –approx 6 or less words)

Client retains Intellectual Property: No
Confidentiality Agreement required: Yes

Project Description:
About 3/4 of a page (more than space shown here), give a short background of yourself/business/project area, briefly describe what you want the students to do – make it interesting and appealing.

Threatened Plants Tasmania (TPT) is a not-for-profit state-wide organization that aims to assist Threatened Species Botanists at DPIPWE with management and recovery operations for native plants that are listed as “threatened” in the wild. TPT is constituted as a NatureCare group of Wildcare Inc, which is the parent legal entity that provides insurance and other key services. The main activities of TPT are field trips to remote parts of Tasmania and four general meeting each year. Safety and biosecurity are important issues on all field trips, and volunteer participants are required to provide information to trip leaders and be aware of TPT policies before participating. All field trips are advertised to members by email notification and by posting on the Wildcare website. Following a field trip, a report has to be submitted to Wildcare. Key aspects of the notification, enrolment and reporting for field trips will be automated as the major feature of this project. Many required data fields are defined by Wildcare and/or TPT existing procedures, but some additional data fields would need to be configured for specific periods, e.g. petrol refunds when funding is available, and/or for specific activities, e.g. single or multiple day registration for weekend field trips. Members will be able to register at the website for field trip notification and other options, and will have the ability to provide some/all of their safety and other information in their personal profile, which they will optionally be able to upload when registering for a TPT field trip.

TPT has existing web resources at Wildcare and Google Groups. Both are out of date and the Google Group site is planned to be retired. A prototype new website has been initiated, but not completed. A new logo is available and an on-going TPT brochure project will help to provide a look and feel for the new website. Information about past meetings, field trips, and reports about outcomes of field trips is all available for upload to the web site, which for structured content should dynamically re-configure to show any new or deleted content. Some information on the DPIPWE website would ideally be visible, re-branded with the TPT web site look and feel, and dynamically updated. The re-designed web site will create a professional look and feel for TPT, and act as the context for member and field trip management capability.
As with all web sites, a search function is very important over all the documents on the site. Some personal information provided by members is sensitive and there will be a privileged user who is the only person authorized to access or update personal information including passwords of registered members.

While this web site will be designed to be of specific use to TPT, aspects may be very useful to other WildCare groups, especially any automation of linkages with the Wildcare website or reporting. The more flexibility to configure for like organisations, the better.

Three members of TPT will be the primary clients of this project; and, through the contacts, students will need to seek sign-off from the TPT executive at key points.

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**Project Technical Information:**

Two or three lines. If you want particular development tools used (development environments, programming languages, database systems), you must state them. If you have no preferences then leave blank and the students will negotiate with you.

The TPT prototype web site is hosted on an “Economy Web Hosting” plan at zphosting.com.au. Part of the project will be to advise on whether the Economy Hosting service is sufficient for our needs, and if not a recommendation on a replacement cost-effective service will be required. Web site content will be managed using Dreamweaver synchronization with a local copy. Members of TPT are not competent with programming or scripting and any configuration of the web site must be provided through an intuitive “administrator” portal.

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**Contact Information:**

Client Name (person who will be student contact): Viv Muller, Robin Garnett, Phil Collier

Phone Number (business hours):

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Email Address: robin@rubicon.org.au, phil@rubicon.org.au


Address (where students will visit, not PO Box): TBA, primary clients are in Hobart and Port Sorell. Apart from key meetings, we will aim to communicate electronically (Skype, phone, etc).