

TECHNICAL SPECIFICATIONS



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Description

Project overview

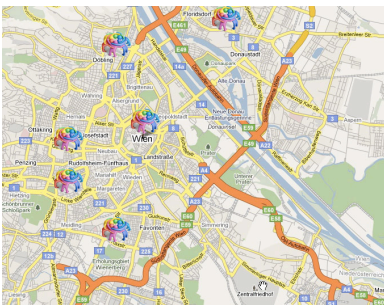
Starting from the assumption that there is a mass of good will in our communities that has not been discovered and utilised we will work to identify and structure its expressions in a comprehensive database with an intelligent search engine that will easily provide a match for good will to manifest in their own community for their and others benefit.

Basically it uses crowd sourcing as a principle of solving a problem. This means that any issue to be solved, will be split into small **entities of effort or money** and individuals or organisations in a community can come and pick the exact piece that they can manage or want to solve. For some it may be hours/days of work based on their skills, for others it may be fractions of the funds needed. The main purpose of such projects, needs to fulfill a set of criteria to be defined at a later stage together with you and partnering organisations specialised in community development. (e.g. of criteria: neighbourhood improvement, social activities, inclusion of minorities, community services enhancement...)

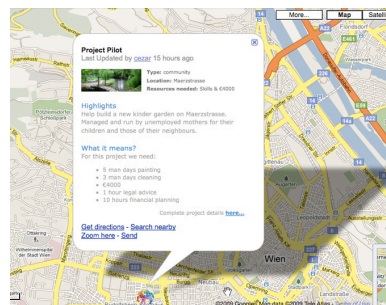
How it works?

A visitor comes to the platform, and first of all goes to the community he/she belongs to, or where she/he wants to get involved. This interface will be in the form of a searchable google map with initiatives briefly presented here.

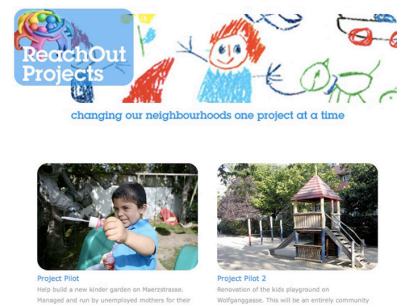
He or she will browse projects based on their preferences and click to reveal the brief details in the google maps tooltip and when they find a project they are willing to support, they will go to its detail project page.



map with projects



brief details of project



detailed project plan

The plugin in action

It is in this page that the visitors will meet with the desired functionalities of the plugin. On the **detailed project plan page** the visitors will see all the details of the project and the project breakdown into **entities of effort or money**. I will split my description into the 2 main sections it should have:

1. Backend Admin section

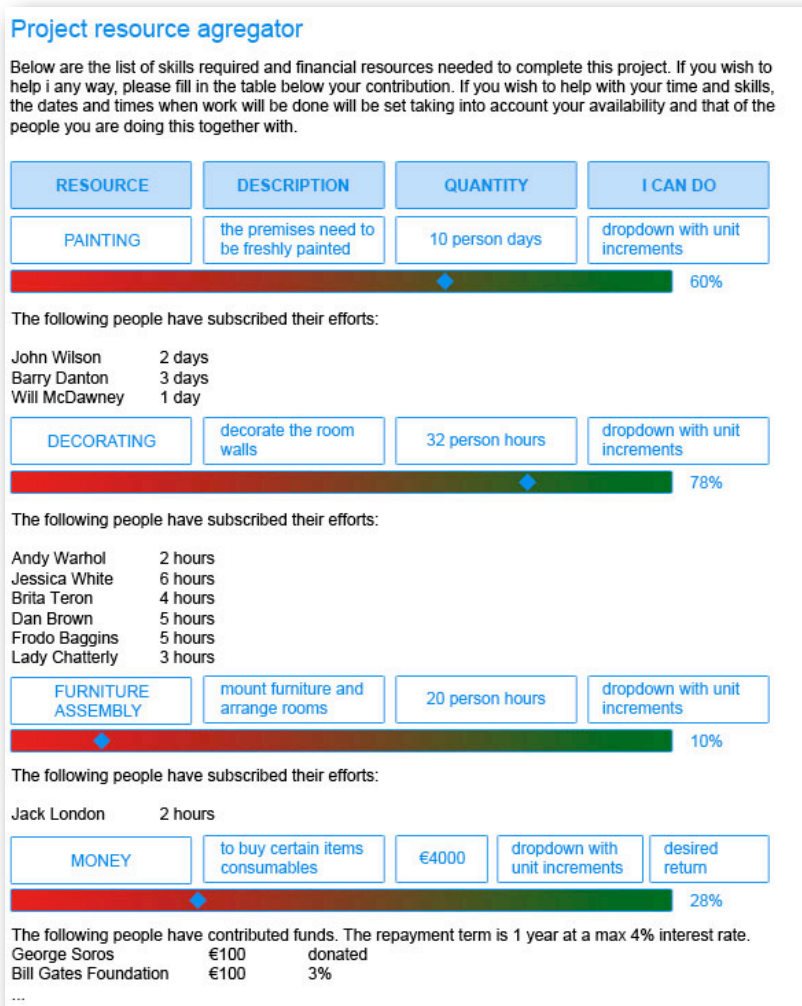
Upon plugin activation, the user will be sent to the administration pages. From here the administrator should be able to

- Create projects: create *form ID*, *form NAME* in order to offer easy form integration in the page/post where it will be displayed (similar to cForms or ngGallery plugins).
- Add the **entities of effort and money** that sum up the resources needed to complete the project, together with their attributes. For example:
 - Skill:** Painting => **Unit:** Days => **Total units desired:** 6 => **Unit increments:** ½, 1, 2, 3, 6 => **Description:** text field
 - Skill:** Financial management => **Unit:** Hours => **Total units desired:** 6 => **Unit increments:** ½, 1, 2, 3, 6 => **Description:** text field
 - Budget:** €3000 => **Unit increments:** 25, 50, 100, 250, 500, 1000, 4000, other. => **Repayment:** donated, 0%, 1%, 2%, 3%

- C) Define payment methods to be used in checkout if a visitor decides to contribute money to a project
- D) Select chart type for resource accumulation
- E) Define communication protocols for email confirmation, new participation in a project notification

2. Front-end

When a **project post/page** is created and a crowdsourcing form is included in that post/page the **entities of effort and money** will appear. The entire form will be styled to match a theme with CSS (IDs and CLASSES).



plugin front-end visualisation with no styling.

The graphic on the left is a mock-up of the display with the purpose of illustrating the functionalities at work.

Visitors will select from the drop-down of the resource(s) they have and select the quantity they are capable of offering.

After this they will click on a submit button that will take them to the next page where they will have to create a user.

The next page will give them a confirmation of the resources they selected with a disclaimer on accountability and a thank you note plus a link to the payment form in case they selected to contribute money.

After these steps the form on the project post/page will be updated with their contributions (charts, names, remaining needs, etc).

Also confirmation email is sent to the user, notification email is sent to project owner(s).

When all resources are subscribed the project moves into implementation stage and further contributions are not possible.

Further features

It would be nice for the plugin to offer facilities to export database data into .csv: export contributors, export project data.

These would be used to generate visualisations on the google maps that could facilitate “neighbours” communication and result in them getting together and creating a new project.