

CRM: TSolucio:TSPProjects

Referencia: specTSProjects Departamento: [Análisis] Versión: 1.0	JPL TSolució, S.L. Consultoría Informática	
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Introducción

The purpose of this document is to gather the high level requirements of the TSolucio:TSPProjects module for VTigerCRM. It's centered on the necessities of sponsors and users and the why of these requirements. The details of how TSolucio:TSPProjects covers the requirements are detailed in the analysis documentation and finally in the generated code.

Position

Problem Specification.

Problem:	VTiger CRM doesn't have Project Management module
Afects:	All users whose work is based on projects and use VTiger CRM for their daily communications and control
Solution:	Implement Project Management module totally integrated in VTiger CRM
Impacts:	Integrate Project Management into the workflow of any company who uses VTiger CRM and has works based on projects. Open VTiger CRM to bigger market base.

Specification of Product Position.

Who:	Project Manager, Project Team, Clients and general stakeholders of the projects. Aplicable to any sector that needs project management, control and close contact with stakeholders.
Why:	Basically to have all information a company needs on their day to day business in one application
How:	This will be a module developed directly into the VTiger CRM platform, in the same programming language and following VTiger CRM development directives. We will try to cover all the needs of basic project management basing most of our design decisions on the already working dotProject application and on the directives of the PMBOK The module will be under the MPL 1.1 License

Module Description

Project Management functions for VTiger CRM. Manage Projects, associated tasks and other related issues of a Project with VTiger CRM.

Perspective

We will strive to make a module that is, at least, equivalent to dotProject Project Management control adding a few things that are naturally logic in VTiger CRM platform and following some directives of PMBOK.

Assumptions and Dependencies

Basically all those that derive from the PHP programming language, MySQL database and VTiger CRM software in which the module will be developed.

Module Features

- Basic Project data
- Task/Activity control and assignment, with automatic notifications
- Work details of each task
- Basic phase/life-cycle control
- Basic time control with time now, time now knock on effect and trend barchart
- Reporting
- Resource/Cost assignments
- Stakeholders control
- Audit trail. Revisions
- Events
- Basic document control
- VTiger permission control
- VTiger custom field and language support

Requirements.

- Those derived from VTiger CRM
- Those needed to draw needed graphs (probably the opensource jpGraph module because this is what dotProject uses, but we may change this as we internally use phplot already for our other developments)

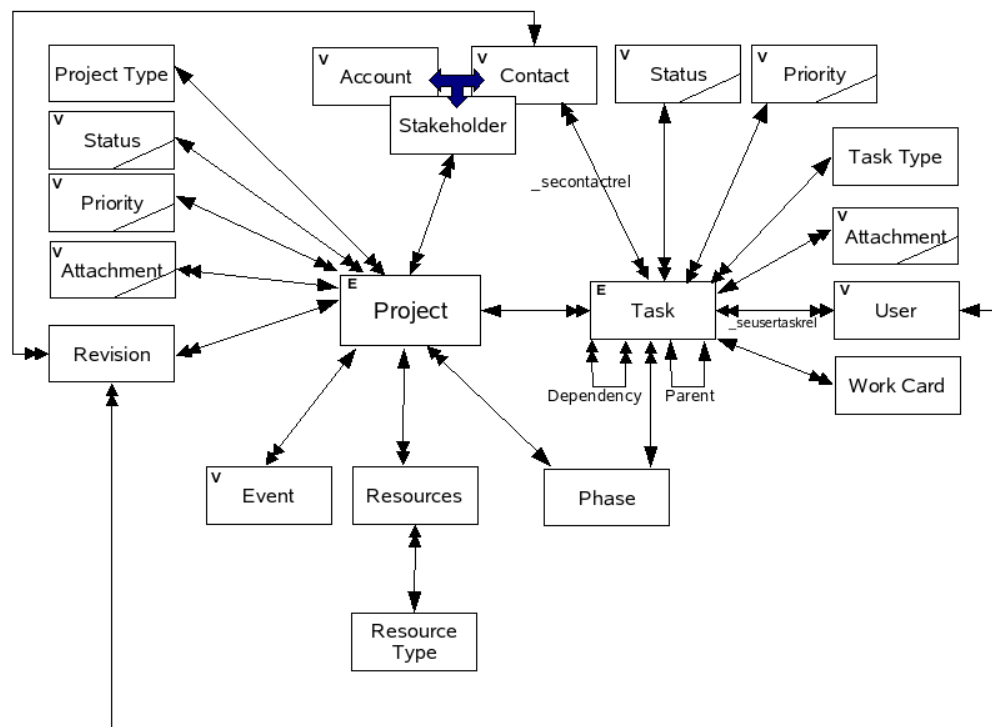
Analysis

Database Design

E-R		Diagram
[http://servinet/moperativo/lib/exe/fetch.php?id=ops%3Aespsw%3Acrm%3Atsprojects&cache=cache&media=ops:espsw:crm:tsproj]		
Database	SQL	Definition
[http://servinet/moperativo/lib/exe/fetch.php?id=ops%3Aespsw%3Acrm%3Atsprojects&cache=cache&media=ops:espsw:crm:schem]		

TSolucio:TSProjects E-R Diagram

Sep-Oct 2006



Time Schedule

- Beta release by the end of November 2006
- GA release for the start of 2007

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