

PROJECT SKETCH

Project-No:	1108	Date:	
Designation:	TiriHouse – Development of a data warehouse for Tiritec GmbH		
PURPOSE (main purpose, secondary purpose, background)			
<p>Tiritec® GmbH is a company specializing in Internet and mail order (eCommerce). Founded as Tiritec® GmbH in 2002, the number of processed orders has grown healthily and steadily since then, and the sales development is sustainable. The business model is continuously optimized. In spring 2009, the company was renamed Tiri® GmbH. The online shop Tiri.de focuses on technology, living & household, toys, pet supplies and car and garden accessories. At the company headquarters in Upper Bavaria, personal advice takes place and there is the possibility to pick up ordered goods. In addition to active customer advice and service, the company also offers sales by phone and e-mail. The target groups include end consumers as well as corporate and dealer customers. Tiri sells high-quality screen protectors under the trade name OnScreen® as its own product. These are manufactured by the company precisely for almost all displays.</p> <p>Currently, the master data management of Tiri GmbH (as far as product data, etc. is concerned) takes place in "Büro+" of the company microtech GmbH from Bad Kreuznach. The central "collection point" of the orders is the online shop based on "xt:Commerce" (open source). The processing of orders is carried out by the mail order software "pixi*" of the company mad geniuses GmbH from Munich.</p> <p>Behind Büro+ is the "NexusDB", which (without further middleware) is not directly accessible (there is only a COM+ interface). The xt:Commerce runs with a MySQL database to which free access exists. The same applies to the Microsoft SQL Server running pixi*.</p> <p>For business intelligence (reporting, analysis and planning), the company uses an "in-house solution" based on Microsoft Access, which is currently being developed and operated by an employee in controlling, in close cooperation with management and technology.</p> <p>Microsoft Excel is used to summarize and present evaluations and (partial) results. At the same time, the XLS format forms the basis for many imports and exports to master data management (Office+).</p> <p>The "collection" of data takes place via data exports directly from Büro+, exports via web scripts from xt:Commerce and reports from pixi*.</p>			
OBJECTIVES (main objectives, secondary objectives)			
<p>The aim of the project is to prepare a cost-effective data warehouse solution for the company. A concept for the ETL process from the different data stocks and a data warehouse solution with corresponding OLAP functionality are to be created. Corresponding providers (e.g. Palo of Jedox AG) will also be checked for suitability for Tiri and an evolutionary prototype of the overall solution will be created.</p>			
NON-GOALS			
<ul style="list-style-type: none"> - It is not a goal of the project a complete productive implementation of the data warehouse or data warehouse. OLAP and ETL processes. This implementation is done by the company itself. 			
Costs/effort for the client			
<p>Implementation: X,-</p> <p>Running costs: To be determined.</p>			
Necessary INPUT			
<p>Access to interfaces of existing systems (data definitions, etc.)</p> <p>Contact person for formulating the requirements for the evaluations.</p>			
Desired OUTPUT and DOCUMENTATION			
<ul style="list-style-type: none"> • Content results <ul style="list-style-type: none"> ○ As-is analysis, requirement specifications and functional specifications ○ Interface concept 			



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	<ul style="list-style-type: none"> ○ ETL Process Documentation ○ OLAP Definition ○ Evolutionary prototype ○ Slide sets for intermediate and final presentation ○ Implementation of the prototype ○ If applicable, manual for the use of the system, if necessary training documents ○ Right to use the resulting solution ○ ... • Documentation <ul style="list-style-type: none"> ○ Project plan for coordination with the client ○ Project Handbook ○ Project diary, project progress reports ○ Meeting minutes 		
RESOURCES			
Team	8 people		
Working time	a total of approx. 700 to 1,000 working hours in the project		
Cost	The total cost contribution is x Euro. The contractor will issue an invoice for this amount upon successful completion of the project.		
Expenses	The use of the contractor's existing infrastructure as well as travel expenses for a meeting at the client are included in the above-mentioned cost contribution. Should further costs, especially for travel or technical equipment, be incurred, these will be charged by the contractor after prior consultation with the client.		
FRAMEWORK CONDITIONS AND RISKS			
<ul style="list-style-type: none"> • The client is personally available for the explanation of the project order, for interim presentations and for a final presentation. • Communication with the client usually takes place via the student project manager or via the supervising university lecturer. Questions arising in the course of the project work are bundled and answered at short notice (ideally within 2 working days) by the client. • At the moment, no aspects are known that could jeopardize the achievement of the project goal. The client and contractor will exchange information regularly, for example at the beginning of a calendar month, as to whether risks are emerging. • The implementation of a study project serves both to achieve a good project result and to train students. However, the character of a study project results in boundary conditions (processing within the framework of the semester organization, organization, no warranty, etc.) that the client is aware of. Should special and further requirements exist here, these must be agreed separately. • All data and information transmitted in the course of the project are strictly confidential. • The contractor's existing equipment will be made available free of charge as part of the project. If special facilities (hardware, software, ...) are necessary for project processing, coordination with the client is sought. • The client agrees to the publication of a project announcement on the homepage of the contractor with picture. 			
ORGANISATION			
Client:	Tiritec GmbH Max-Josef-Str. 2 83109 Großkarolinenfeld, Germany http://www.tiri.de	Email	
Contact person:	N.N.	Email	
Project coach:	N.N.	Email	
Project	N.N.	Email	



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Support:			
DATES			
<p>Kick Off: Customer meeting Detailing of the order Proposal project schedule Clarification of schedule until interim presentation</p> <p>Milestone 1: Presentation surfaces, basic functions Acceptance by the client Clarification of schedule until final presentation Decision on further action</p> <p>Final presentation Presentation of the implementation Acceptance by the client</p>			