Using Solution Manager as a Project Management Tool

16. Workshop der Fachgruppe WI-VM der Gesellschaft für Informatik e.V.

Prof. Dr. Detlev Frick, Birgit Lankes (Hochschule Niederrhein)
Using Solution Manager as a Project Management Tool

Agenda

- Solution Manager Project
- Overview of Modules
- Introduction to Solution Manager
- Case Study
- Questions?
Overall Goals of Solman Project:

- Demonstrate how SolMan can be used to manage any IT project
- Develop modular curriculum that can fit in part or in whole to different kinds of courses
- Support developed curriculum with assignments, case studies, and demos
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Solution Manager Project

Project Timeline:
- Idea accepted by SAP Sept. 2007
- Team formed and met in late October to develop the proposal
- Proposal finished and submitted to SAP in late November
- Accepted by SAP early January
- Concept presented at the SAP Curriculum Congress Americas '08 in Atlanta
- Curriculum used at the SAP University Alliances Workshop Summer 2008 in Chico
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Solution Manager Project

Solution Manager Team:

- Project Manager:
  Gail Corbitt, California State University, Chico

- Developers:
  - Detlev Frick, UAS Moenchengladbach
  - Birgit Lankes, UAS Moenchengladbach
  - Gail Corbitt, CSU Chico

- Technical/hosting Advisor:
  Stefan Weidner, University of Magdeburg
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- Solution Manager Project
- Overview of Modules
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- Questions?
Overview of Modules:
(Each of these has multiple parts)
- Introduction to Project Manager and PMBOK
- Introduction to Solution Manager (high level mapping SolMan tools to PMBOK)
- Introduction to SolMan Roadmap (PMBOK)
- Phase I: Project Preparation
- Phase 2: Business Blueprint (Requirements Definition)
- Phase 3: Realization
- Phase 4: Preparation for Go-Live
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Overview of Modules

**Topic Course Mapping:**

<table>
<thead>
<tr>
<th>Module</th>
<th>PM General</th>
<th>General Project Class</th>
<th>SAP Configuration</th>
<th>SAP as a Project</th>
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<td>Intro to SM</td>
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<td>SM Roadmap</td>
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<td>Realization</td>
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<td>GoLive Prep</td>
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Overview of Modules

Course Configurator:

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<tr>
<th>Course Setup</th>
<th>Document type</th>
<th>Teaching time</th>
<th>Practice time</th>
<th>Homework</th>
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<tr>
<td>System Check: SolMan</td>
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<td>System Check: SAP ERP ECC client</td>
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<td>status changes etc.)</td>
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Learning Objectives Module: Intro to PM

- Identify the main components of the Project Management Body of Knowledge
- Describe what a Project Methodology is and how it can be used to manage a project
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Overview of Modules

Learning Objectives Module: Intro to SM

- Map the main components of the PMBOK to SolMan tools and menu items
- Identify the main components of the solution manager system
- Use Solution Manager to find basic functions related to project management
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Overview of Modules

Learning Objectives Module: SolMan Roadmap

- Identify the Work Breakdown Structure and other roadmap components, such as accelerators, and project management tools and give examples of how they are used in general
- Use and apply the roadmap to create a project plan including all needed activities and tasks that are needed to be complete for a specific project
- Identify key roadmap deliverables related to ECC implementation projects
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Overview of Modules

Learning Objectives Module: Project Preparation

- Create a project in solution manager
- Add, edit and assign documents to a specific project
- Describe the meaning of all the steps needed to launch a project including (but not limited to) project charter, needed standards documents, cost/time estimating, and project plan
- Participate in the preparation of a project charter, standards documents, project plan, communication plan, and kick-off activity
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Overview of Modules

Learning Objectives Module: Blueprint

- Participate in the development of a business blueprint
- Exemplify the organizational structure for a specific company case study
- Create and input common master data for a specific company case study
- Define Business processes within the context of business scenarios
- Explain the integration of business processes (how the processes are integrated) within a specific case study example
Learning Objectives Module: Realization

- Apply the definition of “Project Realization” to any project: Identify the key components of realization such as testing types, test planning and testing execution
- Create a project realization plan for a specific project example, focusing on testing and test plan management
- Design a test plan for a specific project example or case including test case creation
- Execute the required realization tasks
- Execute a test plan and document results
Learning Objectives Module: GoLive Preparation

- Identify the basic “Go Live Preparation” activities for any project implementation including, version control, managing organizational change and process improvement
- Demonstrate the functionality of solution manager to support change management, risk assessment and other activities related to “Go Live” implementation
- Conduct a project post mortem and document the lessons learned from the applied case study
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Introduction to Solution Manager

SAP Solution Manager

is a central platform for efficient SAP implementation and operation.
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Introduction to Solution Manager

SAP Solution Manager

- Supports Business Processes implementation according to a phase oriented procedure model.
- Contains functions for applications management.
- Aids support and collaboration with SAP.
- Includes Best Practices to use for implementation, operations and optimization of SAP-Solutions.
- Is delivered as part of the annual maintenance charge.
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Introduction to Solution Manager

History:

**AcceleratedSAP**
- Offline CD-Set containing Tools, Content and Methods to use for a component based SAP R/3 implementation

**ValueSAP**
- Offline CD-Set containing Tools, Content and Methods for the following areas: Analysis, Implementation and continuous improvement of SAP R/3 solutions.
- ASAP CD Set is applied as a tool platform – it’s content covers the implementation phase.

**SAP Solution Manager**
- Platform to assist central implementation activities.
- Contains ASAP-concept and tools
- Enhanced concept based on new challenges at SAP implementation.
- Integrated platform for implementation and operation of SAP solutions.
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Introduction to Solution Manager

Release Map:

- **Pre-2000**: ASAP
- **2000**: Kick-off SAP Solution Manager
- **2002**: Releases 2.1 & 2.2
- **2003**: Release 3.1
- **2004**: Release 3.2
- **2005**: Release 4.0
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Case study Solution Manager:

- Motorsports Magdeburg Corp.
- The small and medium sized business MMD (motorsports Magdeburg corporation) is settled in Magdeburg/Germany and produces motorbikes. Additionally they deal with equipment. There are two subsidiaries located in Munic/Germany (MM) and Montreux/Switzerland (MMX) – both of them do produce and do have inventory maintenance on their own.
- According to three markets there are three different products in varying prices. There are also plants with production and sales on each market. Furthermore there are points of sale where only products are been sold. The head office is at Magdeburg.
Sales and Distribution:

- The products are sold to retail and wholesale. (There should be a direct sale via internet.) The selling of motorbikes and equipment is done by the points of sale “Bike studio Magdeburg” and “Bike studio Berlin”. For MM (Munic) sales is handled by sales office “Motorcycles Munic”, for MMX it is “Studio de Vélomoteur”. There are storage locations for each point of sale.

- In future sale of service should be added.
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Case Study

Purchasing:

- Purchasing of raw materials and preliminary products is done central (plants order collective) and deterministic. Equipment is purchased consumption-driven and local by each point of sale.

- Varies vendors want to connect to Internet or EDI.
Production:

- Each end product (scooter, motocross, motorbike) contains two components: one frame and one motor. Motors are produced out of two raw materials and stored temporarily at production location till they are mounted with the frame.
Scenario:

- IDES Automotive Europe Corp. – a subgroup to IDES Europe – will absorb MMD aiming to reposition on European Motorbike-Market.

Task:

- Resolve the grievances in the areas production, sales and distribution and finance by integrating the MMD’s organizational structure into the IDES Automotive Europe structures.
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Questions?

Contact:

Prof. Dr. Detlev Frick
Hochschule Niederrhein
Webschulstraße 41 - 43
D-41065 Mönchengladbach
email: detlev.frick@hs-niederrhein.de
Telefon: +49 170 5267 321

Dipl.-Kff. (FH) Birgit Lankes
Hochschule Niederrhein
Webschulstraße 41 - 43
D-41065 Mönchengladbach
email: birgit.lankes@hs-niederrhein.de
Telefon: +49 2161 186 6332