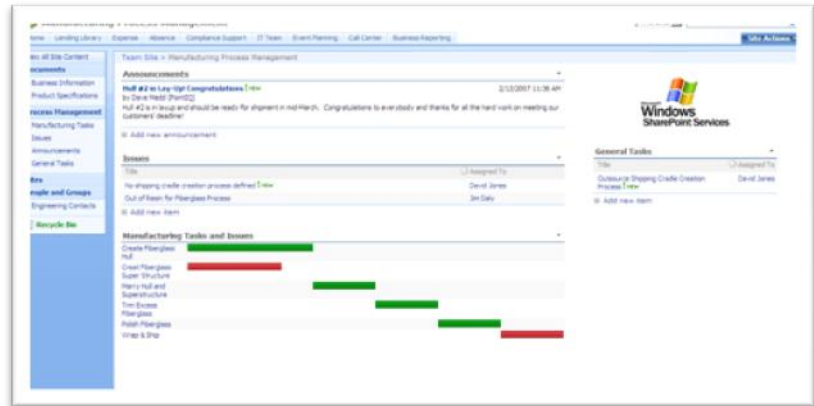


Application Template: Manufacturing Process Management

Description of Template

The Manufacturing Process Management application template for Microsoft® Windows® SharePoint® Services 3.0 helps teams document and track the steps involved in a linear manufacturing process. The site includes the ability to identify unique manufacturing steps. Users



can then enter the step's predecessor and any dependent steps to build a manufacturing timeline in a Gantt Chart format. Materials required and descriptions of the detailed tasks required can also be added to each step. The site also allows team users to identify issues that arise, assigning them to a step in the manufacturing process. Manufacturing processes with issues are shown on the main page as *red*, enabling team members to see at a glance which processes are at risk of being delayed.

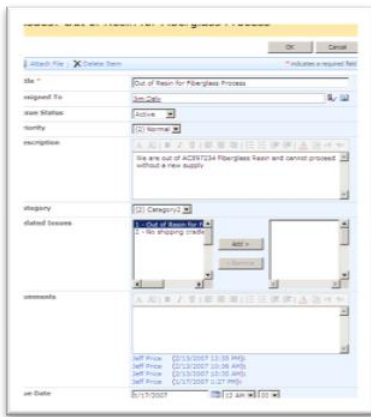
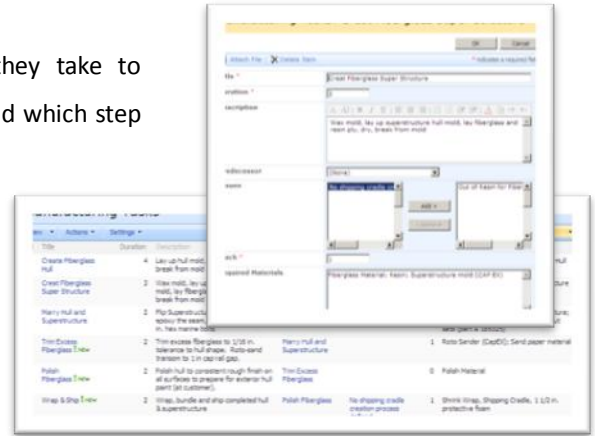
Once an issue is identified, team members can assign task owners to resolve the issue or use the engineering contacts list to determine which team member is best suited to resolve the issue. The Manufacturing Process Management site also includes an announcements location as well as the capability to upload supporting business information and product specification to the site.

Sample Activities Performed in this Application Template

The following examples show the various ways Microsoft anticipates this template will be utilized in a typical organization. If you wish to add additional features, please ask your IT provider to research Microsoft Office SharePoint Designer 2007.

Jeff Price is a manufacturing engineer at a small boat manufacturing shop in the Eastern United States. His company produces fiberglass hulls and decks that are married together and then shipped to boat builders who fit the hulls with interiors, engines and other components to make a completed product. His company is getting bigger, so they wanted to start tracking the formalized process required to manufacture their product so they can identify issues that may cause their ship dates to slip.

Jeff's team begins by entering in the six primary steps they take to manufacture their product, including which step comes first and which step comes next. They also enter in their best estimate for the number of days it takes to complete each step and the allowable 'slack' time. Finally, the team types a detailed description of the process and materials required to complete each step. Once this documentation is completed, the team begins to build their first hull.



The team is three days into building their first hull and they have run into an issue – they have run out of resin for the fiberglass process. Jeff goes to the site and creates a new issue, including the description of the problem and when it needs to be resolved. He assigns the issue to the company's purchasing manager, Jim Daly. Next, Jeff opens the manufacturing step that requires the resin and assigns the issue to that step, causing the Gantt Chart on the site's main page to turn *red* for that step. This will help his team know that the Fiberglass Superstructure might be late due to the shortage. Jeff returns to the shop floor to see what they can do to work around the issue.

About Microsoft Windows SharePoint Services 3.0

Microsoft Windows SharePoint Services 3.0 is technology in Windows Server® that offers an integrated portfolio of collaboration and communication services designed to connect people, information, processes and systems both within and beyond the organizational firewall. Now available at no additional charge, the technology provides a platform for developing Web-based business applications. Application Templates provide out-of-the-box scenarios to address the needs of specific business processes.

More Information

For more information on the technologies described in this article, please visit:

Microsoft Windows SharePoint Services 3.0:
<http://www.microsoft.com/sharepoint>

Application Templates for Windows SharePoint Services:
<http://www.microsoft.com/sharepointapps>

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