

Zarządzanie procesami biznesowymi - platforma Microsoft Office SharePoint Server 2007

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Microsoft*



Co rozumiem przez Workflow?

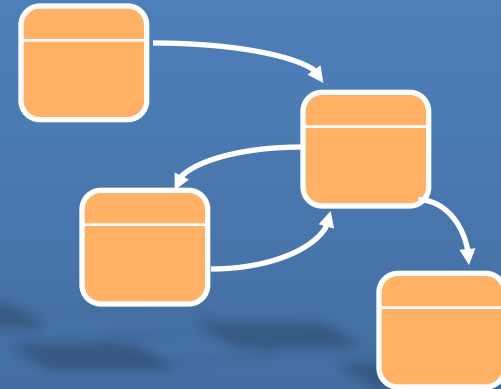
- **Predefiniowana logika dla koordynacji procesów biznesowych:**
 - Zapewnia warstwę abstrakcji dla modelowania rzeczywistych procesów
 - Nieoceniona w modelowaniu sekwencyjnych i stanowych procesów biznesowych
 - Działająca w kontekście informacji biznesowej oraz organizacji

Zorientowany na systemy



Workflow sekwencyjny

Zorientowany na człowieka



Workflow stanowy

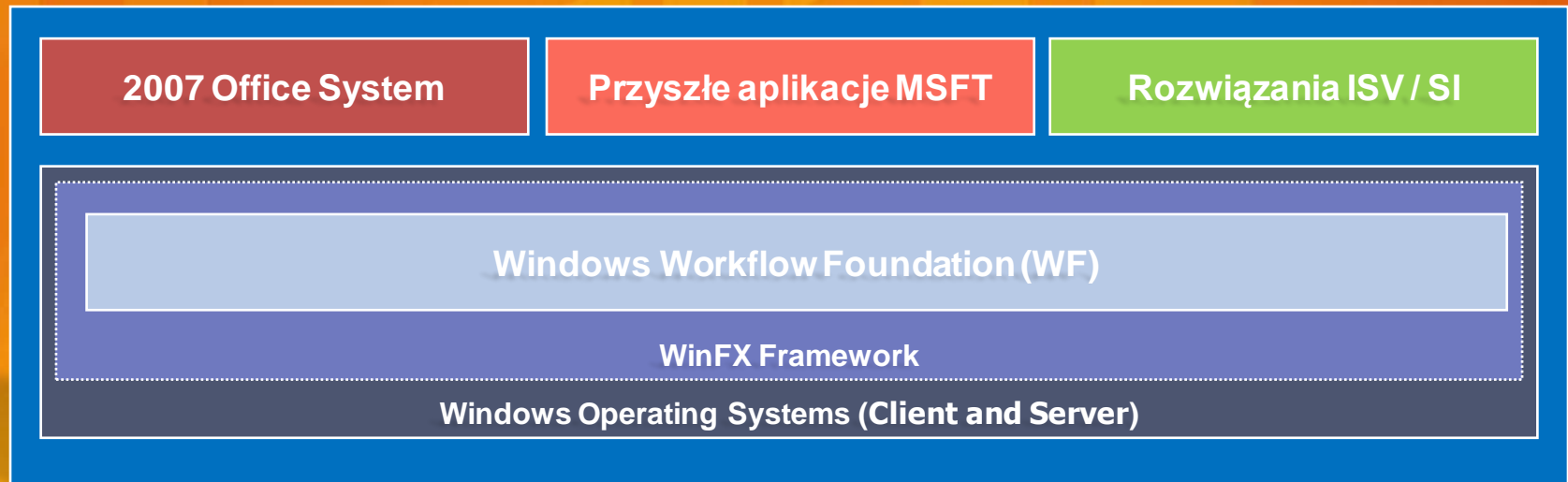
Składniki workflow

- **Silnik Workflow**
- **Powiadamianie użytkowników**
- **Nośnik informacji**
- **Narzędzia do wykonywania zadań**
- **Kontener danych**
- **Raportowanie**
- **Narzędzia do tworzenia i zarządzania procedurami**

SILNIK WORKFLOW

Windows Workflow Foundation (WF)

- **Windows Workflow Foundation jest modelem programowania, silnikiem i narzędziami do budowy aplikacji workflow**
 - Platforma – nie aplikacja czy też serwer
 - Zintegrowana platforma z systemem Office 2007 system



Windows Workflow Foundation

Podstawowe pojęcia

- **Workflow** to zbiory aktywności
- **Workflow** działają w procesie (Host process) serwera / aplikacji
- **Programiści** mogą budować swoje własne biblioteki aktywności

Komponenty

- **Base Activity Library:** predefiniowany zestaw aktywności
- **Runtime Engine:** Silnik wykonywania i zarządzanie stanem
- **Runtime Services:** Elastyczność hostowania i komunikacja
- **Visual Designer:** Graficzne i programowalne tworzenie workflow



**NOŚNIK INFORMACJI
I NARZĘDZIA
DO WYKONYWANIA ZADAŃ**

Dokumenty Office

World Bike Discount Proposal.docx - Microsoft Word

File Home Insert Page Layout References Mailings Review & Comment

Clipboard Font Paragraph Styles Properties: Sales Proposal

Title: World Bike Discount Proposal Sales Rep: Luis Bonifaz

Effective Until: 1/29/2005

Workflow Task: Please approve World Bike Discount Proposal

By:

Executive Summary:

Thank you for taking advantage of our help. We are pleased to offer you a one-time discount of 20% on all products ordered between 11/20/2005 and prices in this document are in effect through 11/20/2005.

Thank you for your continued business.

Products Included in this Proposal

Product	Price Per Unit
Mountain-100 Black, 38	\$378
Touring-1000 Blue, 50	\$272

Page 1 of 9 Words: 1,532 Tracking Changes

Start Sales Documents - Micro... World Bike Discount Proposal.docx

World Bike Discount Proposal.docx - Microsoft Word

File Home Insert Layout References Mailings Review & Comment

Clipboard Font Paragraph Styles Properties: Clinical Trial

Study Title: Clinical Trial - Sample Test Study ID Number: 1304W-P Sponsor's Protocol Number: 10-421 Sample Size: 200

Reviewer: Lauren Antonoff Date of Review: 6/9/2005

Related Studies:
[http://contoso/clinical trials/1304W-P/State List.xls](http://contoso/clinical%20trials/1304W-P/State%20List.xls)
[http://contoso/clinical trials/1304W-P/Study Overview.ppt](http://contoso/clinical%20trials/1304W-P/Study%20Overview.ppt)

6/9/2005

Clinical Trials Agreement (R1304W-P)

CLINICAL TRIALS AGREEMENT

INTRODUCTION

Contoso recognizes the importance of the pharmaceutical industry in the clinical development of new anti-cancer agents. Contoso wishes to foster collaboration with industry whenever possible. As part of its mission to improve cancer care, Contoso shares with industry the important goal of defining the contribution of a new drug or biologic in the treatment of cancer. Contoso therefore recognizes and supports the need of a private sponsor to focus at the appropriate time on clinical trials which lead to a New Drug Application (NDA) or a Biologics License Application (BLA) since an NDA and a BLA, once approved, are the vehicles through which new anti-cancer therapies become widely available to cancer patients. Thus Contoso considers it appropriate for the investigators sponsored by Contoso to do clinical trials of interest to, and partially supported by a pharmaceutical firm, provided that the trials have scientific merit and are consistent with the overall goals of the investigators and Contoso.

Inasmuch as Contoso coordinates a large volume of clinical research with new anti-cancer agents, Contoso recognizes Contoso's need to be aware of industry's plans for the clinical development of new

Page: 1 of 14 Words: 5,920

View: 100%

Formularze elektroniczne

(Design) Template1 - Microsoft Office InfoPath

File Edit View Insert Format Tools Table Help

Verdana 10

Contoso Financial

LOAN APPLICATION

This application is designed to be completed by the applicant(s) with the Lender's assistance. Applicants should complete this form as "Borrower" or "Co-Borrower", as applicable. Co-Borrower information must also be provided (and appropriate box checked) when the income or assets of a person other than the "Borrower" (including the Borrower's spouse) will be used as a basis for loan qualification or the income of the Borrower's spouse will not be used as a basis for loan qualification, but his or her liabilities must be considered because the Borrower resides in a community property state, the security property is located in a community property state as a basis for refinancing on other property located in a community property state as a basis for refinancing.

For refinance loan amounts larger than \$50,000 please contact our office at (206) 555-6000 to request assistance.

TYPE AND TERMS OF LOAN

Mortgage: VA Conventional Refinance

Applied for: FHA none

Agency Case Number: Lender Case Number:

Amortization Type: Fixed Rate GPM ARM Other (explain)

APPLICANT INFORMATION

Name: **Ray Smith**

Date of birth: **3/14/1970** SSN: **555-44-9999** Phone: **(206) 415-2838**

Current address:

City: **Seattle** State: **WA** ZIP Code: **98002**

Own Rent (Pl select one) Monthly payment or rent: **\$1,800.00** Since: **5/28/2002**

EMPLOYMENT INFORMATION

Current employer: **Adventure Works** Since: **12/1/2000**

E-mail: **Ray.Smith@AdventureWorks.com** Position: **Store Manager**

Hourly Salary (Pl select one) Annual income: **\$60,000**

Competibility:

LoanApplications - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://myserver/_layouts/formserver.aspx?location=http://myserver/loanapplications/forms/template.xen

Submit Update Form Print View

Contoso Financial

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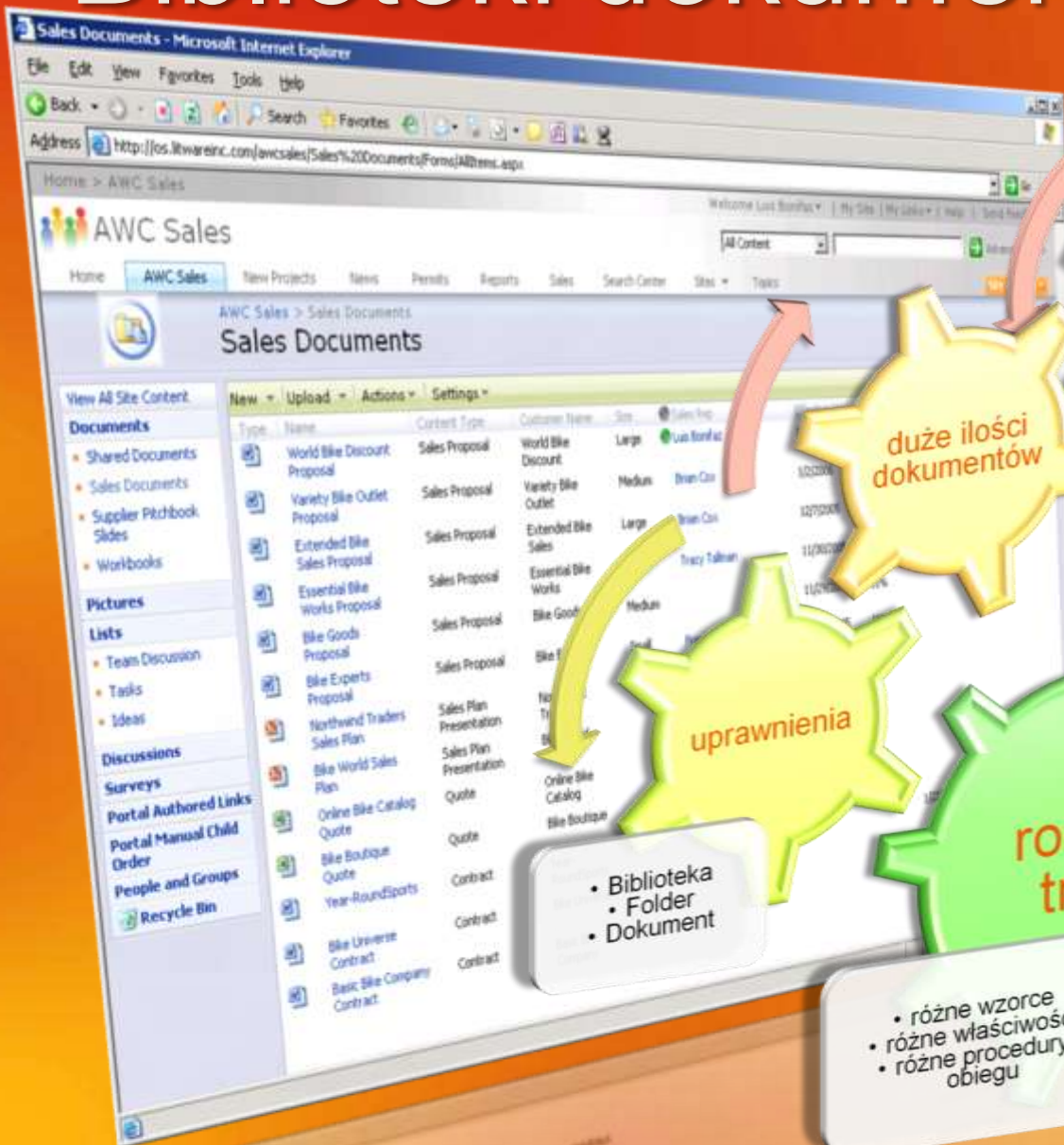
Competibility:

Done Local intranet

Formularz w przeglądarce

KONTENER DANYCH

Biblioteki dokumentów



kosz na śmieci

duże ilości dokumentów

podwójne wersjonowanie

uprawnienia

rodzaje treści

- Biblioteka
- Folder
- Dokument

- różne wzorce
- różne właściwości
- różne procedury obiegu

Listy i widoki

The image shows three overlapping screenshots of a Microsoft Internet Explorer browser displaying a SharePoint site. The top screenshot shows the 'Customer Surveys' page with a navigation menu and a list of documents. The middle screenshot shows the 'Campaign Idea Wikis' page with a list of wikis and their authors. The bottom screenshot shows the 'Marketing Documents' page with a list of documents and their authors.

Customer Surveys - Microsoft Internet Explorer
Address: http://moss:20443/marketing/Customer%20Surveys/Form/AllItems.aspx
Home > Accounting > Engineering > HR > Marketing > Customer Surveys

Documents

Type	Name
Document	APAC2006-04-13
Document	APACC-10002006-04-13
Document	APACE-3502006-04-13
Document	APACE-5502006-04-13
Document	APACE-5502006-04-13
Document	Blue Yonder2006-04-13
Document	Blue YonderC-10002006-04-13
Document	Blue YonderE-3502006-04-13
Document	Blue YonderE-5502006-04-13
Document	Coho Airlines10002006-04-13
Document	Coho Airlines5502006-04-13

Home - Marketing - Microsoft Internet Explorer
Address: http://moss:20443/marketing/default.aspx
Home > Accounting > Engineering > HR > Marketing

Campaign Idea Wikis

Type	Name	Modified By
Wiki	Upsell to New Trey Seat	Craig Playstead
Wiki	Co-branding Ideas	Angela Barbant
Wiki	Emerging Markets Campaign	Amy Alberts
Wiki	Long Term Lease Campaign	Amy Alberts
Wiki	New Layout for E-750	Adna Hagege

Marketing Documents

Type	Name	Modified By
Document	Steering Committee	Pat Coleman
Document	ERGO1 Seat Benefits	Pat Coleman
Document	ERGO1 Seat Overview	Pat Coleman
Document	Trey Research	Andreas Berglund
Document	SouthAmerica_MarketingPlan	Prasanna Sanaravickrama
Document	ERGO-1_Seat_CoMarketing	Chris Ashton
Document	EMEA_MarketingPlan	Catherine Boeger
Document	China_MarketingPlan	Adna Hagege
Document	E-550_ImprovedProfitability	Prasanna Sanaravickrama
Document	E-750_NorthAmericaMarketingPlan	Prasanna Sanaravickrama

FABRIKAM

What's New

- Register for Paris Airshow by May 24** 4/9/2006 4:17 PM
By System Account
Be sure to register for the airshow if you plan to attend. They will be very strict this year.
- C-2500 Deal Closes with Blue Yonder** 4/9/2006 4:16 PM
By System Account
Fabrikam has delivered a C-2500 to Blue Yonder airlines. Congrats to the Engineering and Sales teams.

Calendar

Date	Event
10/23/2006 2:00 PM	Advertising Concept Review
10/24/2006 12:00 PM	Team Lunch
10/25/2006 9:00 AM	Strategy Planning Offsite
10/26/2006 3:00 PM	Blue Yonder Sales Call
10/27/2006 9:00 AM	Trey Research Live Meeting
10/30/2006 2:00 PM	Advertising Concept Review
10/31/2006 12:00 PM	Team Lunch

Baza danych

– Microsoft SQL Server 2005

- Przechowywany stan i zmienne workflow
- Dane z MOSS 2007 przechowywane w bazie danych
- Możliwość przechowywania innych danych wykorzystywanych w procesach
- Możliwość wykorzystania innych baz danych

RAPORTOWANIE

Microsoft Office Sharepoint Server 2007 Report Center

- Definiowane Key Performance Indicators
- Definiowane widoki bibliotek i list Sharepoint
- Raporty w Excel i Excel Services
- Raportowanie bezpośrednio z danych Sharepointa
- Raportowanie z danych z SQL Server 2005 Analysis Services

Executive Jets Division Scorecard - Microsoft Internet Explorer

Address: http://moss:20443/Reports/ReportLibrary/ExecJetsScorecard.aspx

View All Site Content

Reports

Dashboards

- Sample
- Executive Jets Division Scorecard

Resources

- Data Connections
- Report Calendar
- Reference Library

Sample

Recycle Bin

Run Reports - Microsoft Internet Explorer

Address: http://moss:20443/engineering_layouts/Reporting

Home

Accounting > Engineering > Change Management

Change Management

Use these reports to monitor how long it is taking for each activity to be cancelled or error reported.

- Go Back to Change Management
- Engineering Feasibility Request: Collect Feedback
- Activity Duration Report: Use this report to see how long it is taking for each activity to be cancelled or error reported.
- Cancellation & Error Report: Use this report to see which workflows are being cancelled or error reported.

Reports2 - Reports - Reseller Sales.aspx - Microsoft Internet Explorer

Address: http://moss:20443/Reports2/Reports/ResellerSales.aspx

CorpNet

3027

Reseller Sales

Summary

Welcome to the Reseller dashboard. Here you can track how each region is doing in meeting their sales goals by reseller.

Date: FY 2005

Sales Territory: Europe; North America; Pacific

Channel:

Product Line

Filter rows	Filter columns	Profit	Store Sales
<input checked="" type="checkbox"/> Drink		62,436.3	104,618.47
Alcoholic Beverages		18,227.8	35,425.22
Beverages		35,051.4	58,344.71
Dairy		9,257.1	15,647.54
<input checked="" type="checkbox"/> Food		518,139.3	868,331.23
Baked Goods		21,342.8	35,614.48
Baking Goods		50,149.8	83,629.48
Breakfast Foods		8,999.6	15,041.68
Canned Foods		48,782.2	83,080.36
Canned Products		4,929.3	6,750.51
Dairy		37,931.6	63,298.73
Del		32,205.5	53,708.78
Eggs		11,302.4	18,855.97

Territory Goals

Indicator	Goal	Value	Trend	Status
Growth in Customer Base	NA	NA	↑	Green
Operating Profit	\$5,582,800.00	\$16,728,234.52	↔	Yellow
Operating Expenses	\$6,264,700.00	\$27,661,886.50	↑	Green
Gross Margin	\$11,848,800.00	\$44,390,103.00	↓	Yellow
Channel Revenue	\$95,714,000.00	\$57,724,791.47	↓	Red

Territory Revenues

Territory	Sales Person	Order Number	Total Sales
<input checked="" type="checkbox"/> Australia			\$1,942,001.45
<input checked="" type="checkbox"/> Canada			\$7,626,342.76

4	Event		0	Grand Total	
5	Workflow Initiated	1,365.8	2,822.01	8	8
6	Error	25,202.2	23,578.18	4	4
7	Grand Total	1,633.3	6,328.24	12	12
8		63,283.3	63,887.36		
9		6,000.0	2,221.78		
10		30,149.8	33,889.58		

Conditional & Decisions - Table

Ready

100%

POWIADAMIANIE UŻYTKOWNIKÓW

Office Outlook Web Access

Mail

- Dave Richards
- Calendar
- Contacts
- Deleted Items
- Drafts (1)
- Inbox (0)
- Junk E-mail
- Notes
- Organizational Folders

Tasks - Microsoft In

Home

Engineering

Home Accounting

View All Site Content

Documents

- Shared Documents
- Change Management

Pictures

Lists

- Calendar
- Tasks

Discussions

- Team Discussion

Surveys

Sites

Done

Microsoft Word - ECR-ECN_forE-550.docx (Compatibility Mode) - Microsoft Word

Home Insert Page Layout References Mailings Review View

Clipboard

Font

Paragraph

Properties: Engineering Feasibility Request

Title: ECR-ECN_forE-550

Customer: Heritage


Product: E-550

Requestor: John Chen

Review Date: 5/31/2006 12:00 AM

Status: Draft

Workflow Task Please approve ECR-ECN_forE-550 Edit this task...



FABRIKAM
123 West Easy Street Anywhere, USA 00112 204 | 555.1212 http://www.fabrikam.com

ENGINEERING CHANGE REQUEST/NOTICE

Refer to **Fabrikam** procedure "Preparing and Revising Drawings and Specifications" on the **Fabrikam QA** website for complete details and requirements for completing an ECR/ECN form. Contact the **Fabrikam QA Rep. Robin Counts** or **QCC** for further guidance.

ECR/ECN NO. (Obtain from QCC)	
ESHQ Risk Level	
SHEET	OF
REVISION FROM	TO
DWG/SPEC NO.	
DWG/SPEC TITLE	
NEXT ASSEMBLY (USED ON) NO.	

DESCRIPTION OF CHANGE:

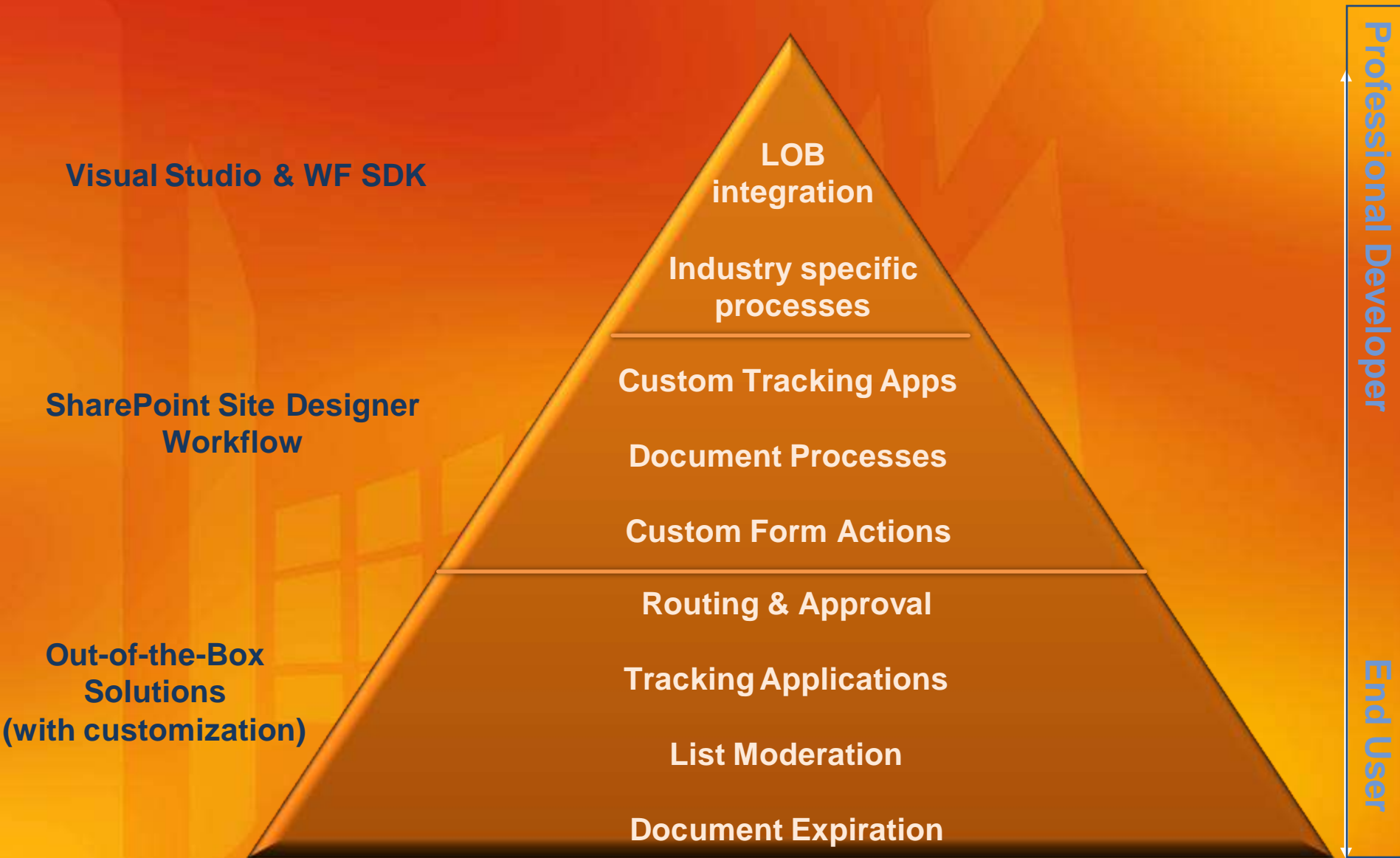
Page: 1 of 4 Words: 299

Task	Assigned To	Status	Priority	Due Date	% Complete
Please approve ECR-ECN_forE-550	John Chen	Completed	(2) Normal	6/24/2006	100%
Please review New UI	Brian Burke	Not Started	(2) Normal		
Please review Extended Range for E-750	Dave Richards	Completed	(2) Normal	10/19/2006	100%
Please approve Extended Range for E-750	Dave Richards	Completed	(2) Normal	10/21/2006	100%
Please approve Landing gear change	Brian Burke	Not Started	(2) Normal		
Please approve ECR-ECN_forE-550	Dave Richards	Not Started	(2) Normal		
Please approve ECR-ECN_forE-550	Dave Richards	Not Started	(2) Normal		

Local intranet

NARZĘDZIA DO TWORZENIA I ZARZĄDZANIA PROCEDURAMI

Jak można definiować workflow?



Różne potrzeby, różne narzędzia

Projektanci i analitycy

Microsoft®
Office SharePoint® Designer 2007

Microsoft®
Office InfoPath® 2007

Microsoft®
Office Access 2007

Wzorce witryn
Sharepoint
i ich
dostosowanie



Microsoft®
Visual Studio

Microsoft®
Visual Studio
Tools for Office

Programiści

Użytkownicy zaawansowani

Podsumowanie

- **Pełna platforma Workflow**
- **Integracja z narzędziami Office**
 - Spójność rozwiązania z perspektywy użytkownika
- **Podstawą jest Windows Workflow Foundation**
 - Jeden silnik workflow dla całej platformy Microsoft
- **Proste procedury dostępne z pudełka**
- **Możliwość tworzenia procedur**

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