Microsoft. Virtual Labs

Module 1: Getting Started



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AdventureWorks Module 1: Getting Started

Objectives	 After completing this lab, you will be better able to: Deploy a web part using the Visual Studio extensions Explore Adventure Works using SharePoint Designer 2007
Scenario	The purpose of this lab is to introduce you to the Adventure Works site, where you will explore some common interface elements used throughout the site such as login/registration controls and search. You will also explore Central Administration in order to gain an understanding as to how the site is configured.
	You will then use the Visual Studio Extensions for Windows SharePoint Services v1.2 to deploy a custom web part to the Adventure Works site.
Estimated Time to Complete This Lab	60 Minutes
Computers used in this Lab	Image014-5
	The password for the Administrator account on all computers in this lab is: pass@word1

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Exercise 1 Adventure Works Walkthrough

Scenario

In this exercise, you will be taken around the Adventure Works site to explore it's interface elements.

Fasks	Detailed Steps	
Complete the following tasks on: Image014-5 Register a new user	Note: The Adventure Works SharePoint web appl private authoring site which uses Windows Authe (<u>http://authoring.adventure-works.com</u>) and a pu Forms Based Authentication (<u>http://www.adventu</u> a. Open Internet Explorer and browse to the A	ntication blic facing web site which uses <u>re-works.com</u>).
account in Adventure Works	http://www.adventure-works.com	
	and the second	
	ADVENTURE	
		Search: Search >
	Home Destination guides WikiGuide Community Blogs	Galeries Contact Us Register Login
	WELCOME TO ADVENTURE WORKS Lorem ipsum dölor ett annet, consectetuer adpisiong eitt, Mobi bibendum mätti lausa. Anneen pulviner runc gula nihi. Lt vestbulum risus non risus volupat alguam. Poin	Select location Audiand , , , , , , , , , , , , , , , , , , ,
	Benefits of Registration REDISTER •	
	LOGINI If you are already registered, login below: Login: Password: Forgotten your login details:	
	DISCUSSION BOARD SEE ALL O	
	United Kingdom Parad by Exa Casida 60 Ce 2004 at 233404 O reples USA Parad by Parad by Para	ui consectetuer adipiscing elit. dui uma, faucibus sit amet, porta vel,
	et de 2006 ar 2333.607 Nevropie > CALLERIES O	Picture gallery P
	LANF FRANC BAN FRANC SAN FRANC AUCKLAND EDINBURGH SEE ALL O	RS HORE BLOOS
	MESSAGE BOARD SEE ALL O Sefective of Utility	consectetuer Lorem ipsum dolor sit amet, consectetuer adpiscing eit. Ut luctus. In turpis sem, tempu
	Chris Ashton wrote: Format 65 Oct 2001 [2:18:27] turny beigrade traw	aks weekends transport tickets australia elioge new pore sydney culture egyst attractions eliogena el photography estand drink accomodation
	Lorem pour dolor sit amet, consecteture adjascing elit. Ut uctus. In turpis sem, tempus eu, varius at, elefferd at, ord. hulls facilis	
	Microsoft ©2008 Microsoft, Al rights reserved	
		and the second
	<i>Note:</i> Notice that this is the public entry point for	

Tasks	Detailed Steps	
	Note: The Adventure Works homepage features a Register panel which facilitates self service member registration. A link to registration is also present in the top navigation of the site.	
	 Travel guides around the world Chat to fellow travellers Plan and save a trip REGISTER The second secon	
	Register Login b. Click on the Register button on the homepage to navigate to the registration page.	
	 c. On the registration page, fill in all the details and click Register to create an account on the site. Name: labuser E-mail: labuser@adventure-works.com Password: pass@word1 Note: If the registration is successful you will see a Thank you page indicating that the account has been created. 	
	Thank you Your account has been successfully created.	
	d. Close and re-open the browser or hit logout button.	
2. Login using new	Note: Now that you have registered, you can login with your new account.	
account	a. Browse to the Adventure Works homepage (<u>http://www.adventure-works.com</u>).	
<u> </u>	b. Login to the site with the same account you just registered in the previous task.	

Tasks	Detailed Steps
	<i>Note:</i> Notice the homepage now displays a personalized profile view in place of the login box.
	labuser
	Iabuser@adventure-works.com Go to my blog
	Go to my adventures
3. Explore My Adventure Works	Note: Adventure Works provides a personal profile page and My Site integration, which is called My Adventure Works.
	a. Click on the My Adventure Works link in the top navigation.
	Note: When you click on this link, SharePoint will create you a new My Site site
	<i>collection</i> . Adventure Works uses the My Site functionality in order to provide users with a personal picture gallery, blog and other features such as messages.
	with a personal picture gattery, blog and other jeatures such as messages.
	Adventure Works > Create My Site
	Create My Site
	Please wait while your personal site is setup for the first time and the default document libraries and lists are created. This may take several seconds.
	<i>Note:</i> Once the My Site has been created, you will be redirected to your My Adventure Works homepage.
	MY ADVENTURE WORKS
	- Curketin in
	PERSONAL DETAILS EDIT MY PROFILE O You have not received any messages
	Gender: MY GALLERY
	Bithday: Where Iam: There are no pictures in your gallery. Managa my photos >
	E-mait labuser@adventure-works.com Create Blog
	ABOUT ME
	MYADVENTURES
	MY BUDDIES IOT
	See all a Adda Baddy a
	<i>Note:</i> The My Adventure Works homepage exposes a number of social networking
	features, some are based on out of the box SharePoint features and others are custom
	features.
	The personal details information is store in the Shared Service Provider. My Buddies
	is actually using the SharePoint Colleagues functionality. My Messages uses a custom
	list in the user's My Site site collection and My Gallery uses the image gallery

Tasks	Detailed Steps	
	document library in the My Site.	
	These features will be covered in greater detail in Module 9: Enabling social networking for your site.	
4. Explore the	a. Browse to the Adventure Works homepage (<u>http://www.adventure-works.com</u>).	
Silverlight application	Note: On the homepage, there is a Silverlight control featured to the top right of the page. The control provides a gallery viewer which is dynamically powered via content from the site.	
	Select location Auckland Go To Destination Guide Go To Picture gallery Edinburgh San Francisco	
	b. Click on one of the thumbnail images on the right of the control and observe that the large image background changes accordingly. The Silverlight application is displaying pictures from the gallery at <u>http://www.adventure-works.com/galleries</u> .	
	c. Click on the Go To Picture Gallery link and explore the Gallery.	
	 d. Return to the homepage and in the Silverlight application, click on the Go To Destination guide link. 	
	Note: Destination Guides showcase some common WCM functionality. The default page (overview) and other section pages feature numerous content placeholders which can be edited by the user. The user is also able to upload and display images on the pages.	
	In the right column of the page there is an image placeholder at the top followed by a custom control which aggregates the latest chat messages about the current destination from the discussion boards (<u>http://www.adventure-</u> works.com/community/Lists/Discussion%20Board/AllItems.aspx).	

Tasks	Detailed Steps	
	The Other Destinations area uses a Content Query WebPart to display an aggregated view of the two most recently updated Destination Guides.	
	BESTINATION GUIDES - UNITED KINGDOM - SCOTLAND - EDINBURGH	
	OVERVIEW GETTING THERE WHAT TO DO ENTERTAINMENT	
	Quick Facts	
	Currency: Pound Sterling (£) Language: English	Pictures of United Kingdom O
	Timezone: GMT/UTC 0	CHAT ABOUT EDINBURGH MORE CHATS
	Climate Given just how far north it les you might expect Edinburgh's dimate to be coder than it is, but the Guff Stream (a warm Atlantic current) keeps the prevailing westerly winds pleasant fundil. May and June are generally the best bet for dry, sumy weather with a wrage tumper at use between 6- 16°C (61-47°), but you can expect rain at any time. The weather changes quickly too a rainy method with a wrage state of the or a rainy afternoon. A districtive fasture of Edinburgh's weather is the haar's - a dense, chilly coltant offen blows in from the North Sea when the wind is in the east. You can usely escape it by heading just a	Chris Ashton Demo fa Staff Lorem ippand dor at amet, consectetuer adjascing elf. Utluctus, In turpis sem, tempus eu, varius at, efe
	few miles inland.	and the second
	Auld Reekle has spruced herself up into Britain's most liveable city. Edinburgh is unique among Scolland's edites. Touriam, its proximity to England, and its multicultural population set it apart. There's up-to-the-nanosecond dance clubs in 15th-centrury buildings and frebreathers outside Georgian mansions. It is a place that hows how to blend ancient and modern. Edinburgh's superb architecture ranges from ancient churches to monumental Victorian masterpieces - all	San Francisco USA o Doneo aucto dignistim velit. Motbi laculis dui eget nulla. Vivamus dui uma, faucibus st amet, porta vel, scelerisque eu, leo.
	dominated by a castle on a precipitous crag in the city's heart. Pick any street to stroll - you'll be wowed by sudden visitas of looming battlements, cold volcanic peaks and hills steeped in memory.	C Picture gallery • C Picture gallery • C Guide • C Guide • S Discussion • S Discussion •
5. Add a new	Note: The Adventure Works site provides a site ten	nplate for creating new Destination
Destination Guide	Guides. You will utilise this site template now.	
	a. Navigate to the authoring site (<u>http://authoring</u> .	adventure-works.com).
	b. As this site is using Windows Authentication, y	you will be logged when you try to
	access a system page.	
	Note: Do this now by browsing to <u>http://authoring</u> works.com/ layouts/settings.aspx	<u>.adventure-</u>
	c. When you are prompted to login in, login as the	e site administrator:
	 Username: litwareinc\administrat 	tor
	Password: pass@word1	
	<i>Note:</i> Once logged in you should see the Site Actio box to the top right of the page.	ons menu appear beneath the search
	d. In the Destination Guides section of the homep	age, click on Scotland .
		and the second
	ADVENTURE	Search Search Stee Actions -
	Home Destination guides WikiGuide Community Blogs Ga	Site Accounts -
	ADVENTURE WORKS - DESTINATION GUIDES - UNITED KINGDOM - SCOTLAND	
	EDINBURGH Quick Facts	
	Currency: Pound Stering (£) Language: English Timezone: GMT/UTC 0 Climate	Pictures of United Kingdom
		There are currently no active discussions for this destination. OTHER DESTINATIONS
	Picture gallery	San Francisco o USA o
	Lorem ipsum dolor sit amet, consectetuer adipiscing elit.	San Francisco
	e. Click on Site Actions > Create Site.	

Tasks	Detailed Steps
	Search: Search Searc
	publishing tab, and then click Create at the bottom of the page.
	Vou can enter the list part of the address. You should keep it short and easy to remember. For example, http://sobrentureworksive/destinationguides/uk/sociand/stename Select a template: Collaboration Meetings Publishing Enterprise Adventure Works Destination Guide Site Publishing S
	User Permissions: C Use same permissions as parent site Use unique permissions Use the top link bar from the parent site? C Yes No

Tasks	Detailed Steps
	g. Wait while SharePoint creates the new site.
	Operation in Progress Image: Please wait while your changes are processed.
	 h. Once completed, you should see the Overview page for the new site. At this point the page is in an unpublished state.
	ADVENTURE Search: Search Site Actions - Site Actions - Home Destination guides Wik/Sulle Community Blogs Galleries Contact Us My Adventure Works Logout
	Version: Draft (0.1) Status: Checked in and viewable by authorized users. Page • Workflow • Tools • B & A Publish
	DESTINATION GUIDES - UNITED KINGDOM - SCOTLAND - GLASGOW
	OVERVIEW GETTING AROUND THINGS TO DO MAPS CHAT ABOUT GLASEOW MORE CHATS (INCOMPACE) Quick Facts There are currently no active discussions for this destination. There are currently no active discussions for this destination. Picture gallery , Currency: Currency: Currency: Language: OTHER DESTINATIONS Currency: Currency:
	Climate Overview San Francisco Order autor and francisco Order autor aprinsin velt. Modi Giude San Francisco Order autor aprinsin velt. Modi In cuicito di order full. Vivunu di ume, fauchu si amet, prita vel. scientificatione et la constructione di scientificatione et la constructione di scientificatione et la constructione
	 i. Click on the Edit Page button in the Page Editing Toolbar to switch to edit mode. j. Populate the page fields with some content.
	ADVENTURE Search: Search Searc
	Home Destination guides WeGuide Community Blogs Galleries Contact Us My Adventure Works Logout Version: Checked Out Status: Only you can see and modify this page. Image: Contact Us My Adventure Works Logout
	Page V Workflow V Tools V La Check In to Share Draft r V Deblah C Remember to check In so other people can see your changes. (Do not show this message again) DESTIMATION GUIDES - UNITED KINGDOM - SCOTLAND - GLASGOW Poope Image C Destribution Poope Image C Destribution Poope Image C Destribution Poope Image C Destribution Poope Image Poope Image Poope Image Poope Image Poope Im
	OVERVIEW GETTING AROUND THINGS TO DO MAPS Click to add a new picture Location Image 1 Quick Facts Click to add a new picture Click to add a new picture Image 1 Quick Facts CHAT ABOUT GLASGOW MORE CHATS O
	Citck to add a new picture
	Cick to add a new picture Location Image 3 Cick to add a new picture
	 k. To add a picture to the location images or the main page image on the right, click on Click to add a new picture on any of the image placeholders. This will bring up the Edit Image Properties dialog.

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Tasks	Detailed Steps	
	Edit Image Properties Webpage Dialog	
	Enter the URL of the selected image and its display properties.	
	General	
	Selected Image	
	Alternate Text	
	Hyperlink Browse	
	Copen Link In New Window	
	Layout	
	Alignment Horizontal Spacing (pixels)	
	Border thickness (pixels) Vertical Spacing (pixels)	
	Size © Use default image size	
	C Specify Size	
	Width (pixels) Height (pixels)	
	Mintain aspect ratio (enter width or height)	
	OK Cancel	
	I. Click on Browse to pick a picture from a SharePoint gallery.	
	Double-click an item to select it. Type a site URL or a library URL in the Location box to browse its contents.	
	Site Collection Images 1-8 ▶ Look In Actions ~ > upload	
	Site Collection Images Country Images home PR 27K (GIF) 23K (GIF)	
	layout, login, right layout, register right layout, homepage_photos layout, horos, australia 26K (JPG) 41K (JPG) 4K (JPG) 19K (JPG)	
	Location (URL): //SiteCollectionImages/Country Images	
	OK Cancel	
	m. Click on an image and click OK when done to return to the Edit Image Properties	
	dialog. Here you be able to specify additional image properties such as Alternate text before adding the image to the placeholder.	

Tasks	Detailed Steps	
	Note: Some fields on the page, such as Page Content allow rich content and formatting. Clicking on this field will automatically bring up the RadEditor Lite toolbar. RadEditor Lite is a free third party solution from Telerik (<u>http://www.telerik.com/products/sharepoint/lite-editor-for-asp.net.aspx</u>) which is being used instead of the standard out-of-the-box editing toolbar that MOSS provides. This is due to the enhancements it provides when saving content as XHTML compliant.	
	n. When you've finished editing the page, click Editing Toolbar.	k the Publish button in the Page
	<i>Note: This will publish the page so it is no long be able to see the content.</i>	er in a draft state and other users will
	 o. The published Overview page is just one of Destination Guide. The other pages are Geta Maps. Image: The other pages are Geta Maps. 	ting Around, Things To Do and
		© Picture gallery • © Picture gallery • © Guide • • • • © Discussion • © Discussion •
6. Use the Adventure Works site search	 Note: The search box is available on all pages of Adventure Works default master page. The sear page. a. Place the cursor inside the search box and e Search button. 	ch box is located to the top right of the
	Search: Scotland	Search »

Tasks	Detailed Steps Note: You will be redirected to the search results page and you should see some results for the query. The search results page uses some of the out-of-the-box SharePoint web parts which provide the results display, pagination and also the ability to sort the results by Modified Date or Relevance.	
	SEARCH RESULTS - ADVENTURE WORKS	
	You searched for: scotland Results by Relevance View by Modified Date SRSS	
	Results 1-10 of about 73. 1 2 3 4 5 [Next>]	
	Scotland Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Suspendisse dui nisl, ullamcorper quis, dictum eget, blandit vitae, lorem. Vivamus posuere pede at tortor. Quisque	
	Scotland buoyant Scotland has survived encroachment, brass-monkey weather and invasion by stand-up comedians Chat about Scotland Scotland	
	Adventure Works Adventure Works is a travel company specialising in action-packed holidays for young professionals.	
	Community Skip to content Skip to navigation Search form Search: Home Destination guides WikiGuide Community	
7. Examine the site content and structure	a. Select Site Actions > Manage Content and Structure	

Tasks	Detailed Steps		
	Site Content and Structure		
	🗊 Refresh all		
	Adventure Works		
	Travel Experts Blog Consumeral lablance Madia		
	Gig \$Resources:ListName_Media Gig \$Resources:ListName Themes		
	Go pocuments		
	⊕ ian Media		
	□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □		
	⊞ Interes		
	🕀 🕅 Workflow Tasks		
	🖃 🔜 Community		
	🗉 🥸 Discussion Board		
	⊞ Images		
	⊞		
	Garages		
	🕀 🔯 Workflow Tasks		
	□ 异 Destination guides □ 异 New Zealand		
	⊕ Go Documents ⊕ □		
	⊡ Images		
	IiveMapLocations		
	Workflow Tasks		
	🖃 🚘 Galleries		
	⊡ Gallery		
	🕀 🛅 Images		
	Wiki Discussions		
	Note: This will bring up a view of the structure of the Adventure Works site collection. You will see that the various sub-sites define the top level site structure that is used in the top navigation. Note that each sub-site has its own pages library.		
8. Explore the IIS configuration	Note: In this task, you will begin exploring the server configuration in order to understand how the Adventure Works site is set up.		
	 a. Open the IIS Manager: Start Menu > Administrative Tools > Internet Information Services (IIS) Manager 		
	b. Select the Web Sites node to display the details of each web site.		
	b. Select the Web Sites hole to display the details of each web site.		

ſasks	Detailed Steps			
	의 Default Web Site	1 Running		* All Unassigned * 80
	AdventureworksAuthoring	-		* All Unassigned * 80
		-	-	
	ssp.adventure-works.com			* All Unassigned * 80
	SharedServices1	1321545279 Running		* All Unassigned * 32901
	😒 moss.litwareinc.com	1417082536 Running mos	s.litwareinc.com *	* All Unassigned * 80
	藰 Office Server Web Services	1720207907 Running	*	* All Unassigned * 56733
	SharePoint Central Administration v3	1992556941 Running	я	* All Unassigned * 6147
	Sundows RMS Administration Site	2 Running		* All Unassigned * 5720
	AdventureworksProduction	-		* All Unassigned * 80
		222430070 Ruining www	V.auvencure-works.com	All offassigned * oo
	Note: The SharePoint Centry You can navigate to the Centry Also note that Adventurework host headers which you will	ntral Administration orksProduction and A	site from the Start M AdventureworksAut	lenu.
	c. Close Internet Informa			
. Explore Central	Note: You will now begin to			a Central
Administration	Administration.			
	a. Open Central Administr 3.0 Central Administr		• Administrative To	ols > SharePoin
	b. When prompted, log in	as litwareinc\admin	istrator using passw	vord
	pass@word1.			
	c. Click on the Operation	s tab.		
	d. Select Global Configur	ration > Solution ma	anagement.	
	This page has a list of the Solutions in the farm.			
	Name		Status	Deployed To
	adventureworks.controladapters.wsp		Deployed	http://adventureworks
	adventureworks.corefeatures.wsp		Deployed	Globally deployed.
	adventureworks.sitedefinitions.wsp		Deployed	Globally deployed.
	adventureworks.stsadmcommands.wsp		Deployed	Globally deployed.
	adventureworks.usercontrols.wsp		Deployed	http://adventureworks
	adventureworks.webcontrols.wsp		Deployed	http://adventureworks
	adventureworks_myadventureworks.wsp		Deployed	http://adventureworks
	cks.ebe.wsp		Deployed	Globally deployed.
	cks-ewe-wikidiscussion.wsp		Deployed	http://adventureworks
	lapointe.sharepoint.stsadm.commands.wsp		Deployed	Globally deployed.
	Note: There are a number of	of extra solution pacl		
	during the Adventure Work	· •		
	e. Click on the Application	n Management tab.		
	f. Select SharePoint Web	• Application Mana	gement > Web appl	ication list.
	Name		URL	
	AdventureworksAuthoring		http://authori	ing.adventure-works.com
	moss.litwareinc.com		http://moss.li/	twareinc.com/
	SharedServices1		http://moss:3	
	SharePoint Central Administration v3		http://moss:6	14//
	ssp.adventure-works.com		http://ssp.adv	venture-works.com/
	<i>Note: There are a number a</i> <i>AdventureworksAuthoring</i>	(the Adventure Work	ks site) and ssp.adve	nture-works.com
	 (the Shared Service Provide Works installer. g. Click the Cancel butto 		,	
		n.		f

Fasks	Detailed Steps	Detailed Steps		
		Web Application: http://authoring.adventure-works.com/ •		
	Zone Membership Provider Name			
	Default Windows			
	Internet fbaMembers			
	<i>Note: The Adventure Works web applicat</i>	tion uses two zones. The Default zone and th		
	<i>Internet zone.</i> i. Click on the Internet zone.			
	Web Application	Web Application: http://authoring.adventure-works.com/		
	Zone These authentication settings are bound to the following zone.	Zone Internet		
	Authentication Type	Authentication Type		
	Choose the type of authentication you want to use for this	C Windows		
	zone. Learn about configuring authentication.	● Forms		
		C Web single sign on		
	Anonymous Access	Enable anonymous access		
	You can enable anonymous access for sites on this server or disallow anonymous access for all sites. Enabling anonymous access allows site administrators to turn anonymous access on. Disabling anonymous access blocks anonymous users in the web.config file for this zone.			
	Membership Provider Name	Membership provider name:		
	Enter the name of the membership provider.	fbaMembers		
	The membership provider must be correctly configured in the web.config file for the IIS Web site that hosts SharePoint content on each Web server. It must also be added to the web.config file for IIS site that hosts Central Administration.			
	Role Manager Name	Role manager name:		
	Enter the name of the role manager (optional).	fbaRoles		
	The role manager must be correctly configured in the web.config file for this zone.			
	Client Integration	Enable Client Integration?		
	Disabling client integration will remove features which launch client applications. Some authentication mechanisms (such as Forms) don't work well with client applications. In this configuration, users will have to work on documents locally and upload their changes.	O Yes ⊙ No		
		is based authentication via the fbaMembers nanager. Anonymous access is enabled for		

Tasks	Detailed Steps	
	Web Application	Web Application: http://authoring.adventure-works.com/
	Zone These authentication settings are bound to the following zone.	Zone Default
	Authentication Type Choose the type of authentication you want to use for this zone. Learn about configuring authentication.	Authentication Type C Windows C Forms C Web single sign on
	Anonymous Access You can enable anonymous access for sites on this server or disallow anonymous access for all sites. Enabling anonymous access allows site administrators to turn anonymous access on. Disabling anonymous access blocks anonymous users in the web.config file for this zone.	✓ Enable anonymous access
	IIS Authentication Settings Kerberos is the recommended security configuration to use with Integrated Windows authentication. Kerberos requires the application pool account to be Network Service or special configuration by the domain administrator. NTLM authentication will work with any application pool account and the default domain configuration.	Integrated Windows authentication O Negotiate (Kerberos) NTLM Basic authentication (password is sent in clear text)
	Client Integration Disabling client integration will remove features which launch client applications. Some authentication mechanisms (such as Forms) don't work well with client applications. In this configuration, users will have to work on documents locally and upload their changes.	Enable Client Integration?
	Note: This zone is configured to use Wind anonymous access is enabled.	dows authentication via NTLM, and
10. Explore the Adventure Works	Note: Adventure Works uses it's own Sho the install process. You will explore this a	ared Service Provider which is created during now.
Shared Services provider	a. Click on the ssp.adventure-works.co	om link in the quick launch panel on the left.
	View All Site Central	
	Administra • Operation	
	 Applicatio Managem 	
	Shared Se Administra	
	 ssp.adver works.com 	
	💽 Recycle	e Bin
	b. Select User Profiles and My Sites >	View profile properties.
	c. Click on User Profile Properties > V	view profile properties.
	d. Scroll to the foot of the properties pag This section contains two custom pro	ge to the Adventure Works Properties section. perties, Country and Gender.

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Tasks	Detailed Steps		
	> Adventure Works Properties	~~	Section
	Country	~~	string
	Gender	~	string
	 e. Return to the Shared Service Provid f. Select User Profiles and My Sites <i>Note:</i> Notice the Forms based authentic 	> Personalization service p	
	here		
		alytics, Manage Audiences, Manage User Profiles, Personal Fea atures, Personal Site	tures, Personal Site, Set Permissions
	g. Close Internet Explorer.		

Exercise 2 Development Tools and Web Part Solution

Scenario

In this exercise, you will deploy a web part using the Visual Studio extensions for Windows SharePoint Services (VSeWSS) v1.2 and explore Adventure Works using SharePoint Designer 2007.

Tasks	Detailed Steps
Complete the following tasks on: Image014-5 Create and deploy a web part	 Note: First of all, you will create and deploy a new web part using the VSeWSS 1.2 in Visual Studio 2008. a. Open Microsoft Visual Studio 2008 from Start Programs Microsoft Visual Studio 2008 Microsoft Visual Studio 2008 b. In Visual Studio, select File > New > Project c. Expand the Visual C# node and click on Sharepoint, then click WebPart under Templates. d. Change the project name from WebPart1 to AdventureWorks.WebParts, and click OK.
	Vew Project Project types: Templates: INET Framework 3.5 Image: State Definition • Wisual C# Visual Studio installed templates Image: State Definition Image: State Definition Image: State Definition • Web • Smart Device Image: State Definition Image: State Defi
	 Note: The project created contains a folder called WebPart1, which contains 3 files also called WebPart1. For this demo, you will change the name of the web part to something more relevant - HelloWorld. e. Right-click the WebPart1 folder, and select Delete. Click OK on confirm dialog box. f. Right-click the project name AdventureWorks.WebParts in the Solution Explorer window, and select Add > New Item g. In the Add New Item window under Visual C#, click on SharePoint, then select the Web Part item and rename WebPart1 to HelloWorld. h. Click Add.

Tasks	Detailed Steps	
	Solution Explorer - Solution 'AdventureWork Solution 'AdventureWorks.WebParts' (1 project) AdventureWorks.WebParts AdventureWorks.WebParts References References HelloWorld.cs HelloWorld.webpart HelloWorld.xml	
	<i>Note: HelloWorld.cs</i> is the web part control, and will be the location of the code to display some text on the screen.	
	HelloWorld.webpart is the xml which defines the web part.	
	HelloWorld.xml is the xml which tells SharePoint what the feature consists of and where it should be located.	
	i. Open the HelloWorld.webpart file, and update the title and description. E.g.	
	<property name="Title" type="string">Hello World Web Part</property>	
	<property name="Description" type="string">Hello World Example</property>	
	j. Save and close the file.	
	k. Open the HelloWorld.cs file, and uncomment the following lines:	
	<pre>// Label label = new Label(); // label = new Label();</pre>	
	<pre>// label.Text = "Hello World"; // this controls Add(label);</pre>	
	<pre>// this.Controls.Add(label); . Save and close the file.</pre>	
	 m. Right-click the project name AdventureWorks.WebParts in the Solution Explorer window, and select Properties. (If you don't have the Solution Explorer visible, go to View > Solution Explorer.) 	
	n. In the main window along the left column, select the Debug tab, and change the Configuration dropdown to All Configurations .	
	o. Under the Start Action section, make sure the Start browser with URL option is selected and update the URL to http://authoring.adventure-works.com/.	
	p. Switch to Debug mode in the Configuration drop-down	
	 q. Right-click the solution name Solution 'AdventureWorks.WebParts' (1 project) in the Solution Explorer window, and select Deploy. (You can access the same command via Build Deploy Solution from the main menu bar.) 	
	 If success, you should see Deploy succeeded in the status at the bottom left of the Visual Studio screen. 	
	s. Minimize Visual Studio.	
	t. Confirm the solution has been successfully deployed. Open SharePoint Central Administration: Start SharePoint 3.0 Central Administration	
	 u. Select the Operations tab. Under the Global Configuration section, select Solution Management. 	

Tasks	Detailed Steps
	 Central Administration Central Administration Application Management Central Administration v. Confirm adventureworks.webparts.wsp marked as Deployed.
	adventureworks.usercontrols.wsp Deployed
	adventureworks.webcontrols.wsp Deployed adventureworks.webparts.wsp Deployed
	adventureworks_myadventureworks.wsp Deployed
	cks.ebe.wsp Deployed
2. Add a web part to a web part page	<i>Note:</i> Now that the web part has been deployed to the farm, it needs to be added to a page in the Adventure Works site.
	a. Open a new browser and navigate to <u>http://authoring.adventure-</u>
	works.com/_layouts/settings.aspx.
	b. Login in as litwareinc\administrator with password pass@word1 (you may be already logged-in).
	c. The Site Actions menu should appear in the top right hand corner.
	d. Select Site Actions Create Page.
	e. On the Create Page , add the following values. When these have been added, click Create .
	Title: Hello World
	Description: (optional)
	URL Name: Pages/wpp.aspx
	Page Layout:(Welcome Page) Blank Web Part Page
	f. Pick a zone, such as the Header, and click on the Add a WebPart button.
	9. On the Add Web Parts window, scroll down to the Miscellaneous section, where you should see the HelloWorld Web Parts.

Tasks	Detailed Steps
	Adventure Works Add Web Parts to Header
	Miscellaneous S Contact Details Use to display details about a contact for this page or site Content Editor Web Part Use for formatted text, tables, and images. ContentRatingReview.webpart ContentRatingReview.webpart ContentRatingReview.orbined.webpart Form Web Part Use to connect simple form controls to other Web Parts. HelloWorld Web Part HelloWorld Description Use to display pictures and photos. Page Viewer Web Part Use to display inkide content, such as files, folders, or Web pages. The linked content is isolated from other content on the Web Part bage. Use to display inkide content, such as files, folders, or Web pages. The linked content is isolated from other content on the Web Part Use to display inkide contents that are relevant to the current user.
	RoleBrokerWebPart.webpart
	Advanced Web Part gallery and options
	Add Cancel
	i. When the web part has been added, click the Publish button on the page editing toolbar. Image: Definition of the page editing toolbar. Image: Definition of the page editing toolbar. Image: Definition of the page editing toolbar. Image: Definition of the page editing toolbar. Image: Definition of the page editing toolbar. Image: Definition of the page editing to page edition. Image: Definition of the page editing to page edition.
3. Retract the solution	Note: The page now displays the new web part.Note: Next you will make some modifications to the web part, but first you will remove
and remove the web	the web part from the farm.
part	 a. Open Command Prompt: Start Run cmd b. At the prompt, type:\
	cd C:\Documents and Settings\Administrator\My Documents\Visual Studio 2008\Projects\AdventureWorks.WebParts\ AdventureWorks.WebParts\bin\Debug
	<i>Note:</i> (<i>If you put your project in a different location, change the path to match location of your project)</i>
	VSeWSS has created a setup.bat file which you can use to install and uninstall the
	solution.

Tasks	Detailed Steps	
	Setup.bat /?	
	Adverture Works Webcase AWAdexp@AdvertureWorks.com • My Site My Linke • @ Adverture Works Site Antienes Adverture Works Site Antienes Webcase AWAdexp@AdvertureWorks.com • My Site My Linke • @ Site Antienes Webcase AWAdexp@AdvertureWorks.com • My Site My Linke • @ Site Antienes Webcase Work Webcase AWAdexp@AdvertureWorks.com • My Site My Linke • @ Adverture Works Site Antienes Webcase AWAdexp@AdvertureWorks.com • My Site My Linke • @ Site Antienes Use the page to close Web Part Page Maintenance Site Antienes Use the page to close Web Part Page Site Ave Page Site Antienes Close in Reat Deleter in the page is which hor personal view Site Antienes Site At Linke Ipper Cipper on Fage? Bring EnvertureMode Part Page for al users. No Catchers: You are modifying the Web Part Page for al users. No	
	Image: C:\WINDOWS\system32\cmd.exe - Setup.bat /uninstall Microsoft Windows [Version 5.2.3790] <c> Copyright 1985-2003 Microsoft Corp.</c>	
	C:\Documents and Settings\Administrator>cd C:\Documents and Settings\Administrat or\My Documents\Visual Studio 2008\Projects\AdventureWorks.WebParts\bin\Debug	
	C:\Documents and Settings\Administrator\My Documents\Visual Studio 2008\Projects \AdventureWorks.WebParts\bin\Debug>Setup.bat /uninstall Deactivating feature HelloWorld	
	Operation completed successfully.	
	Uninstalling feature HelloWorld	
	Operation completed successfully.	
	Retracting solution AdventureWorks.WebParts.wsp Operation completed successfully.	
	Deleting solution AdventureWorks.WebParts.wsp from SharePoint	
	Operation completed successfully.	
	Hit enter key to quit	
	d. Now uninstall the solution by typing:	
	Setup.bat /uninstall	
	<i>Note:</i> Although this has removed the solution, the web part is still in the gallery and will cause an error on the web page.	
	C:\WINDOWS\system32\cmd.exe - setup.bat /?	
	C:\Documents and Settings\Administrator>cd C:\Documents and Settings\Administrat or\My Documents\Visual Studio 2008\Projects\AdventureWorks.WebParts\bin\Debug C:\Documents and Settings\Administrator\My Documents\Visual Studio 2008\Projects	
	C:\Documents and Settings\Administrator\My Documents\Visual Studio 2008\Projects \AdventureWorks.WebParts\bin\Debug>setup.bat /? Usage: setup.bat [/install or /uninstall][/weburl <url>][/siteurl <url>]</url></url>	
	<pre>[/help] Options: /install or /uninstall Install specified Solution package (.wsp) to the SharePoint server or uninstall specified Solution from the SharePoint server. Default value: install /weburl Specify a web url of the SharePoint server. Default value: http://adventureworks /siteurl Specify a site url of the SharePoint server. Default value: http://adventureworks /help Show this information. Hit enter key to guit</pre>	
	e. Browse to http://authoring.adventure-works.com/ layouts/settings.aspx	
	f. Login as administrator if you are prompted.	

Tasks	Detailed Steps
	g. Browse to http://authoring.adventure-works.com/pages/wpp.aspx.
	h. Select Site Actions Edit Page.
	i. In the menu bar of the problem web part, select edit Delete . Click OK on the confirm dialog box.
	j. Add ?contents=1 to the end of the URL to get to the web part maintenance page.
	http://authoring.adventure-works.com/pages/wpp.aspx?contents=1
	k. If there is a checkbox for " Error ," check it and click the Delete button.
	I. Next, select Site Actions Site Settings Modify All Site Settings.
	m. On the Site Settings page, under the Galleries section, select Web Parts.
	n. You should see the HelloWorld.webpart still listed. Click the Edit icon to the right.
	o. Click the Delete Item button, and click the OK button on the confirm dialog box.
	<i>Note:</i> You can remove the web part from the page and the gallery before running the uninstall.
4. Add a property to the web part	<i>Note:</i> Now that the web part has been fully undeployed, you can make some modifications.
_	 a. Re-open Microsoft Visual Studio 2008: Start Programs Microsoft Visual Studio 2008 Microsoft Visual Studio 2008
	b. Select AdventureWorks.WebParts from the Start Page Recent Projects section.
	c. Open the HelloWorld.cs file.
	<pre>d. Add the following code block before the constructor (public HelloWorld() { })</pre>
	<pre>private const string defaultGreeting = "Hello Universe";</pre>
	<pre>private string greeting = defaultGreeting;</pre>
	[WebBrowsable(true),
	SPWebCategoryName("AdventureWorks"),
	Personalizable(PersonalizationScope.Shared)]
	public string Greeting
	{
	<pre>get { return greeting; }</pre>
	<pre>set { greeting = value; }</pre>
	}
	e. In the same file, change the value for label.Text to greeting :
	<pre>label.Text = "greeting";</pre>
	f. Save and close the file.
	g. Ensure you have uninstalled any previous installs of the AdventureWorks.WebParts.wsp solution, and that you have tidied up the web part page and the web part gallery (see previous task).
	 h. Right-click the solution name Solution 'AdventureWorks.WebParts' (1 project) in the Solution Explorer window, and select Deploy.
	i. Browse to http://authoring.adventure-workscom/pages/wpp.aspx.
	j. Select Site Actions > Edit Page (if the Site Actions menu has disappeared, login again).

Tasks	Detailed Steps		
	k. Click on the Add a Web Part button.		
	 On the Add Web Parts window, scroll down to the Miscellaneous section, select the Hello World Web Part, and click Add. 		
	m. For the web part, select edit Modify Shared Web Part.		
	in For the web part, select cut () totally bhared () to Fart.		
	ADVENTURE Search Search		
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	Remember to to defin so other people can see your changes. (Do not show this message again) Page Cattern? Cattern? Cattern? Cattern? Find a friend who will be travelling to your		
	Click here to add new content.		
	Hello World Web Part		
	Hello Universe Mannee Top Laft Question Add as web Part Add as web Part		
	Carter Laft Center Tight		
	Add a Web Part Add a Web Part 2 Add a Web Part		
	n. In the Hello World Web Part panel in the right column, expand the		
	C Helle World Web Part × ▲ → Appearance		
	ADVENTURE Sewith Sawh a		
	Statute Marght Height With a statutes Statutes Statutes Statutes How D taskstongudes WithGude Community Bbgs Galaries Contact us My Adventure Wrisit Logost Cysis Pinole		
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	Chok-bere to add new context C		
	Header Pages		
	Hello World Web Part edit * x Selic Universe		
	Top Left Top Digit Creating		
	Certer Luft Certer Digit. Certer Light Certer Digit. Certer Light Certer Digit. Certer		
	AdventureWorks section.		
	Auventure works section.		
	o. Update the text for the Greeting , and click OK .		
	p. The text has updated. Finish off by clicking the Publish button.		
5. Explore Adventure Works using	<i>Note:</i> Now you will browse the Adventure Works site structure using SharePoint Designer 2007.		
SharePoint Designer 2007	a. Select Start Menu All Programs Microsoft Office Microsoft Office SharePoint Designer 2007.		
	b. In SharePoint Designer, select File > Open Site		
	c. Enter http://authoring.adventure-works.com into the site name box and click		
	Open.		
	<i>Note:</i> When using SharePoint Designer, always use the Windows authentication		
	version of the site, otherwise you may encounter problems.		
	d. If prompted, login as litwareinc\administrator, password pass@word1.		

Tasks	Detailed Steps
	folders, and double-click default.aspx .
	<i>Note:</i> You will receive a warning that publishing pages cannot be edited in SharePoint Designer.
	f. Click the Edit Page Layout button.
	g. In the check out prompt, click the Yes button.
	<i>Note:</i> SharePoint Designer retrieves the page layout that the publishing page is using, checks it out and opens it for editing.
	The AWHomePage.aspx will open in the main screen, and the file will have a green tick to mark it as checked out.
	Web Site AWHomePagc.aspx X
	<pre></pre>