

Alternative is Windows mode <pre>  <pre>  </pre> </pre> <pre>  <pre>   <pre>   <pre>   <pre>   <pre>  <pre>   <pre>  <pre>   <pre>  <pre>   <pre>  <pre>   <pre>  <pre>   <pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre></pre>	
<pre>\$\$\$ SQL Server File Type \$\$\$ connectionStrings&gt; \$\$ add name="DefaultConnection" providerName="System.Data.SqlClient" connectionString="Data Source=(LocalDb)\v11.0;Initial Catalog=aspnet- \$\$\$ connectionStrings&gt;\$</pre>	
;AttachDBFilename= DataDirectory \aspnet-WinesFullWebFormsProject-20130914114359.mdf" Project Name DateTime	/

By default security is built in to a ASP.NET Web Forms application or an ASP.NET MVC application, and the settings are already in the root level web.config file. Forms mode is best used with internet applications and Windows mode for intranet applications. In forms mode the use must enter a username and password to access the pages where access is limited to authorised users.

By default usernames and passwords will be stored in a local SQL Server LocalDb database file stored in the App\_Data folder. This database is automatically created when the first user registers.

All these settings can be changed.

Initialise the Database
Register Log in Home About Contact
Peacock's French Wine pplication. Top Quality @ Rock Bottom Prices
Home Red Wines White Wines Spark Wines
Register.
Passwords are required to be a minimum of 6 characters in length.
User name
Derek
Email address
derek.peacock@yahoo.com
Password
Confirm password
Register
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DMU HND Computing 2013 CTEC2402 Software Development

To create the SQL Server database to store user names and passwords, run your application and select Register. By default passwords need to be 6 or more characters.



Once registered, the users name replaces the register link in the top right hand corner of the web page. To login again once log offed click on the Log In link.

Data Val	Data Validation			
	Peacock's French Wines Top Quality @ Rock Botton			1
Home	Red Wine	es	White Wines	
Use a local account Your login attempt w User name Derekp	<b>to log in.</b> 7as not successf	ul. Please	e try again.	
Password				
Remember me?         Log in         Register if you don't have	e an account.			
			Commicht (2012	, ,

The register and login pages have built in data validation



For some reason the new database file is not automatically part of the project. This means the file is not displayed in the solution explorer, unless you **display all files**. You may need to refresh files first. To view the contents of the SQL Server database file, you need to view the SQL Object Inspector.



The membership security system can be configured in various ways. The standard settings are shown above. The only one I would be tempted to change for sure is that I believe each user should have a unique email address in order to avoid confusion.



In order to assign different roles to different users, goto Project => ASP.NET Configuration, and then select security.

Enable Roles
Roles         Roles are not enabled         Enable roles         Create or Manage roles         Roles         Existing roles: 0         Disable Roles         Create or Manage roles         You can optionally add roles, or groups, that enable you to allow or deny groups of users access to specific folders in your Web site. For example, you might create roles         such as "managers" "sales" or "members" acch with different access to energific
folders.  Create New Role New role name: Admin Add Role

Before you can create roles, roles need to be enabled and then different roles such as admin and client can be created and added.

Roles A	Roles Added			
You can optionally add ro users access to specific f such as "managers," "sale folders.	les, or groups, that enable you to allow or deny olders in your Web site. For example, you might s," or "members," each with different access to	groups of create roles specific		
Create New Role				
New role name:	Add Role			
Role Name	Add/Remove Users			
Admin	Manage	Delete		
Client	Manage	Delete		

Once roles have been added then you can click **Manage** to assign a role to a user.

	signed
Use this page to manage the mem	bers in the specified role. To add a user to the role, search for the user na
Role: Admin	
Search for Users	
Search By: User name 💌 for: d	erek Find User
Wildcard characters * and ? are A B C D E E G H I J	permitted. <u>KLMNQPQRSIUVWXYZAII</u>
User name	User Is In Role
Death	

Once roles have been created, they can be assigned to chosen users, or all users. Enabling roles is a setting written into the web.config file.

D	atabas	se Cor	ntent		
dbo.	Roles [Data] 👎	× Pending Chang	ges (master)	Default.aspx	We
	😧 🖡 Max R	Rows: 1000	- I D		
	ApplicationId	RoleId	RoleName	Description	
	5a7a2b73-2322	2 a31d2979-890	d Client	NULL	
	5a7a2b73-2322	2 039c8655-83e	8 Admin	NULL	
▶*	NULL	NULL	NULL	NULL	
	dbo.User	sInRoles [Data] Max Row: JserId	⇔ × dbo.Roles [[ s: 1000 • RoleId	Data]	
	d	544c281-49a6	039c8655-83e8		

The membership database has been greatly simplified in Visual Studio 2012 compared to earlier versions. It is however easier to use the ASP.NET configuration pages, although descriptions for roles could be entered directly.