Multi-tier structure

MS SQL Tables

Stored Procedures, Views, Functions

Data Access Layer(DAL) – Standard very thin DAL layer. All access to SQL Database is through this layer.

All functions of this layer takes as input stored procedure name and sql parameter array.

Output can be: DataTable, IReader, string, int.

Proper Try-catch loop and error handling used here

Blogic – this is an extra layer added. All calls to Data Access are done through this layer only. This layer handles all functionality of websites in a single class. All providers all this, some times admin layer directly call this.

Note: I personally don’t like this layer but kept this as XDPortal have kept assuming that it may have some benefit. Moving all functions to Providers(BLL) is the ideal case for me.

**Providers**: They implement the actual business logic. They uses Models for data flow. All functionalities have providers with one or multiple classes.

**UI**

* Aspx files + code behind
* Files with url rewrite
* Xml files
* Feeds

**Web Services**: Webservices will use Providers service.

**Controls**

Specific controls which have reusability. Include files are not used in ASP.net. e.g login, header, dynamic tables etc

Admin UI