

Designed and Developed by

SPADEZ Solution Pvt. Ltd

About Aqualog:

AquaLog is a supplier-independent, complete digital logging system that enables you to gather data on all equipment, regardless of manufacturer or maintenance requirements. These simple factors make AquaLog a very flexible tool.

AquaLog enables you to satisfy the requirements of both NS9415 and NYTEK Regulations. It is easy to use and provides a good overview of the facility and equipment.

AquaLog simplifies service and certification processes on the fish farm. The AquaLog tool keeps track of service intervals, alerts about the requirement of service and provides logs service history with traceability of components. The service or equipment provider can access the system and add new or maintained components with corresponding certifications and documents. This simplifies the flow of information between supplier and breeder and the certification.

System Features:

- All-in-one system
- Always available
- Simple reporting
- Independent of supplier
- Dynamic Dashboard

Architecture & Design:

The architecture is scalable, re-useable and easily used by mobility applications in future. Below architecture follows 3-Tier architecture that has the following structure:

Presentation Layer: This layer prepares an interface to show information to the user. Also it handles requests from user and informs Business layer through its UI process component/service.

Business Layer:

Business layer contains the following sub-systems:

Cross cutting sub-layer: In this sub-layer all mutually operation of business logic is implemented like security, operation management & communication.

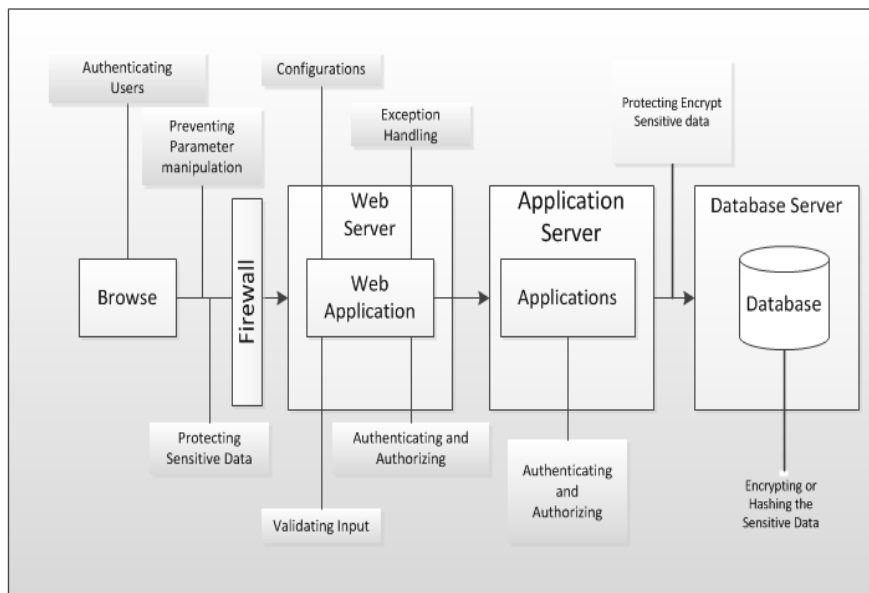
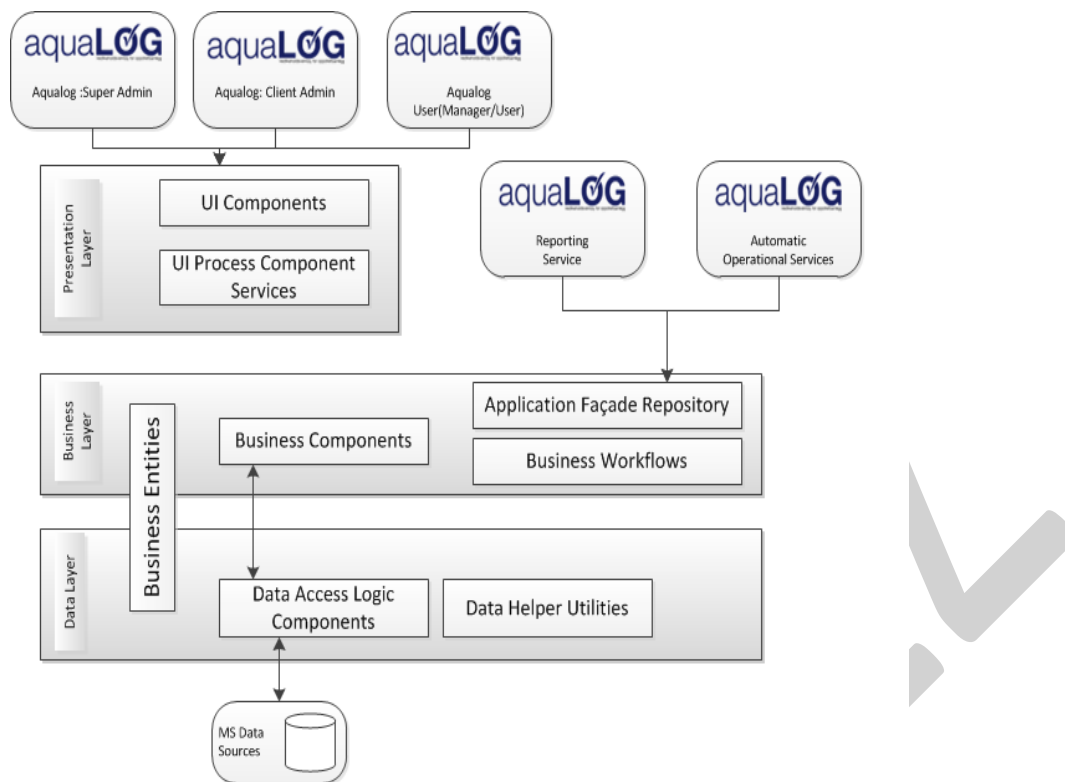
Application façade/Repository: This provides single point to fetch, filter & sort operation on data.

Business components & Business workflow: Business components & workflow execute the data fetch operations and communicate with its data access layer and provide business entity to presentation layer.

Data Layer: It is responsible all operation with database. Depending on the business layer it executes database operation like update, insert, select & delete records.

Following are major concentration of architecture:

- ✓ Security
- ✓ Reuse
- ✓ Easy Design and Implementation
- ✓ Scalable
- ✓ Robust



Application Architecture with Deployment view

Technologies Used:

- ASP.NET 4.5
- C#
- 3- tier architecture
- CSS3
- LINQ
- Ajax
- JQuery
- JavaScript
- Bootstrap
- Microsoft SQL Server 2008 R2
- SQL JOBS for automation
- REST API
- MVC 4
- Toast Notifications

Third Party Tools:

- Silverlight
- iTextSharp

Development Process:

- Requirement Analysis
- Architecture
- Application Design
- Coding Construction
- Testing
- Implementation

*We deliver reliable and easy to use software for **e-reporting, analysis and management** for fish farms and equipment. Our software is designed to **lower your costs, save you time** and take the headaches out of managing your fleet.*

We have excellent support and strive to keep our customers satisfied!

Our team of developers is working around the clock to make sure the software we provide is reliable, up to date and has all the features you require.

Catch Us On:

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