

Microexcel builds an easy-to-use, highly flexible and comprehensive Exploratory Data Analysis web-based system for a Pharmaceutical Giant.



Industry: Health & Pharmaceuticals

About the Client

The Client is a world leader in the research and development of pharmaceutical products. It employs over 115,000 people in over 140 countries worldwide to help save lives and improve the quality of life.

Business Need

The Client in their development programs performs thousands of exploratory analyses. These analyses are requested, recorded and stored in an ad hoc fashion which is a paper-based system. For this reason, it becomes difficult for the Client's team to maintain oversight of all performed analyses. To overcome this problem, the Client approached Microexcel, a Microexcel Gold Certified Partner, to streamline the process and replace the paper-based system with a web-based one.

Solution

Microexcel, after careful study and analysis of the existing process and after many user interactions, suggested that it will build a web-based system which will allow the Client's team an overview and control of all requests, and stores information on these requests in a systematic manner so that analyses can be recovered and reviewed easily.

Technology Stack:

- ✓ ASP.NET
- ✓ C#
- ✓ ORACLE 11G
- ✓ AJAX
- ✓ JQUERY

Microsoft® Partner

Gold Collaboration and Content
Silver Cloud Productivity
Silver Application Development
Silver Intelligent Systems
Silver Data Analytics
Silver Small and Midmarket Cloud Solutions
Silver Midmarket Solution Provider

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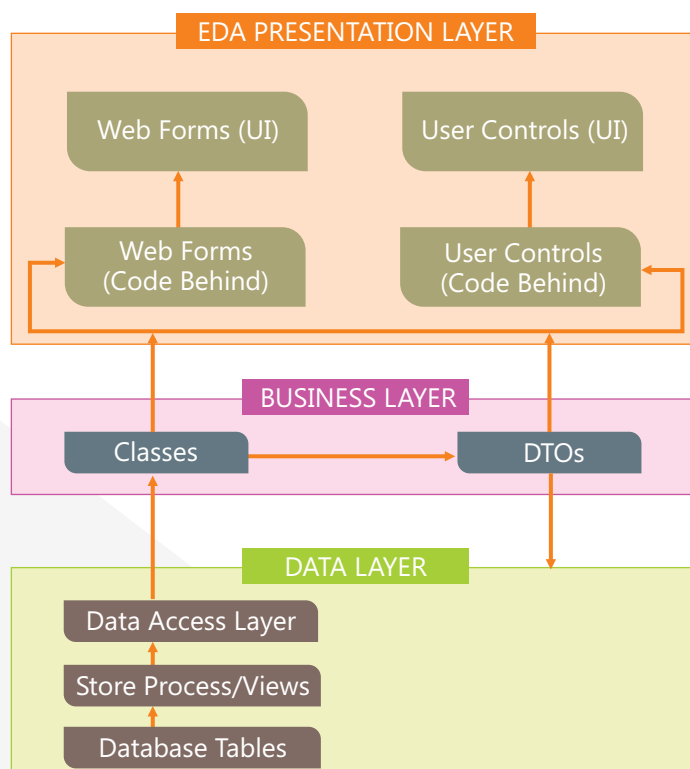
Certified Minority Owned Business Enterprise

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Benefits out of the Microexcel built EDA system

- Team members can now, 1) directly request new analyses, 2) directly access all previous analysis outputs, 3) and the ability to search the analysis database to retrieve analysis defined by key words or themes.
- This process will allow the team to keep an overview of all pending and past analysis and easily search and retrieve past analyses for use in regulatory interactions, Key Opinion Leaders meetings and to support internal decision making.
- Most importantly, this web-based system can be easily adopted to provide similar support to any clinical development project.
- Replaced paper based system

Architecture Diagram



Testimonial

"Microexcel team has exhibited genuine commitment to the success of this project. The technical expertise utilized in developing this application is simply outstanding. To top it, the team has managed to deal with our demands and survived and did not falter under pressure - this is not easy. I would like to express my deep appreciation for all your hard work and for meeting aggressive timelines. Please accept our sincere thanks."

- Director
Product Research and Development

To learn more about how you can benefit from our IT expertise and professional services, please visit our website www.microexcel.com or send us an email to sales@microexcel.com

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