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Case Study

WEAVING DIGITAL INTO BUSINESS

Leading apparel industry leader based in South Asia modernizes its Oracle Forms-based Order Management System using low-code into a responsive web application and reuses its legacy assets.

Reuse
of Legacy Systems

Faster
Time-to-Market

Responsive
Applications

The Company
A large textile manufacturer

Industry
Textile Industry

Location
South Asia

BUSINESS SCENARIO

- Order management system based on Oracle Forms and Reports
- System maintained on Oracle Forms for over two decades
- High maintenance costs of legacy systems
- System not in sync with modern-day requirements and the mobile workforce

REQUIREMENTS

- To reduce costs of maintenance
- To future-proof technology
- Need to reuse business assets built over two decades on legacy database
- Needed rich user experiences and a faster go-to-market strategy

SOLUTION

- Oracle database and business logic retained
- Legacy database reused using simple REST API based database connectors on WaveMaker
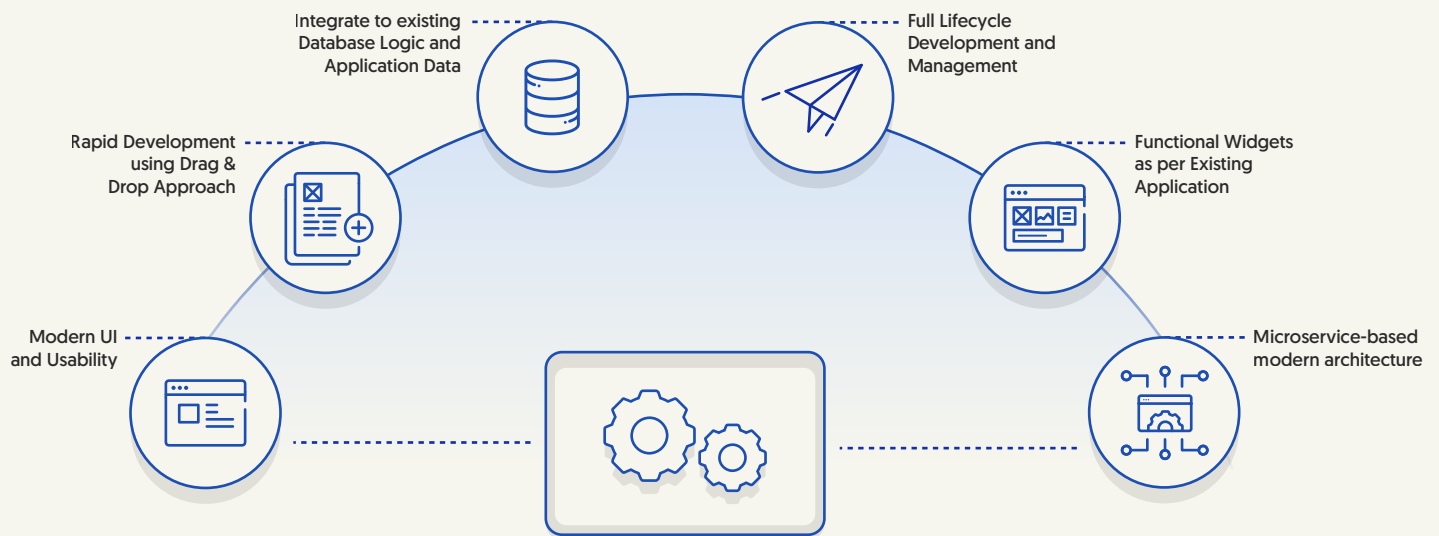- Use of WaveMaker widgets, themes, and style to create great-looking UI

RESULTS

- Existing business logic and data reuse
- Reduced maintenance costs
- Automatic up-gradation of platform
- Rich user experiences with modern and mobile applications

Our client is a global jersey wear apparel industry leader based in South Asia. They specialize in the design and production of fast-fashion jersey wear products for the high streets. Their Order Management system was built using legacy Oracle Forms and Reports and was continuously enhanced for over two decades. While functionally the system met the requirements, the application was difficult to use and required skilled force for maintenance. The system could not keep up with modern-day requirements around mobile workforce support, dynamic business requirements, and increasing costs.

As a result, the business was looking to invest in future-proofing technology. However, the existing application had important business assets that were gathered over two decades and had to be reused. This includes business logic and application-specific data.

The client was able to modernize their existing Order Management System with WaveMaker. The new application built on WaveMaker low-code addressed the existing challenges of usability and mobility and helped deliver a future-proof scalable architecture.

Integrate to existing Database Logic and Application Data

Full Lifecycle Development and Management

Rapid Development using Drag & Drop Approach

Functional Widgets as per Existing Application

Modern UI and Usability

Microservice-based modern architecture

*Read this whitepaper, to know more about how Oracle Forms and Reports can be modernized using WaveMaker

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Some of the benefits that the client was able to achieve are:

Modern UI and enhanced usability

- A responsive design allowed the application to support multiple form factors including desktop, mobile, and tablet interfaces

- The web pages were created with a high density of information architecture, as dictated by the end-users of the application

- The UI was customized as per corporate standards using WaveMaker Themes

Rapid development using drag-and-drop approach

- The entire application including its integration built with WaveMaker's WYSIWYG interface using a visual drag-and-drop method

- As a result, there was a drastic reduction in the overall effort to develop the UI that in turn reduced the time-to-market

Integration to existing database logic and application data

- All existing database logic and data were reused and integrated with the new application without any complexity using database connectors on the WaveMaker platform

Full lifecycle deployment and management

- WaveMaker helped the client incorporate best practices around container technology

- The platform enabled quick setup and automated deployment of the developed application across development, staging, and production

- App delivery became error-free and efficient

- Containerization helped the client to move applications to any hybrid or multi-cloud environment of their choice

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Functional widgets as per existing application

- Complex validation and UI logic of the existing application was translated into the new application using WaveMaker's custom widgets capability

- The application was able to incorporate functional logic within the pages which resulted in enhanced usability for the end-users

WaveMaker was able to provide a clear road map for the customer to transform their legacy Order Management application into a responsive application that is future-proof and built for scale.

To know more about our low-code platform capabilities,
write to us at **info@wavemaker.com**