XORIANT

Sampling of Our
PRODUCT MODERNIZATION
USE CASES

Are you looking to "go bold" with an all-at-once architecture transformation, or take smaller steps by incrementally modernizing, perhaps starting with technology upgrade or automation? Whatever the case, Xoriant's team of engineers can help you assess your needs, identify opportunities to make significant improvements quickly – and help you visualize the big picture.

Enterprise Operations Cognitive Solutions Provider - Multi-Language Voice Channel Enablement

BACKGROUND

Our client provides cognitive solutions that connects and transforms enterprise operations. Using proprietary data crawling, industry models, machine learning and artificial intelligence, the client is revolutionizing how people relate to data, and how organizations function.

XORIANT SOLUTION

UI/UX Development
- Conducted usability testing and iterated the design based on those inputs
- Updated workflows to take advantage of newer phone capabilities like voice input for iOS and Google
- Added new functionality to the application based on feedback from users and stakeholders
- Created workflows and wireframes to integrate the new functionality seamlessly with the existing ones
- Updated the color schemes, icons, images and style guide to look contemporary

Mobile and Voice Channel Development
- Interactive voice search ability to display textual and graphical results
  - Supported various voice recognition software such as Amazon Polly, Google and Siri
  - Support for 15+ voice languages
  - Display of voice results in textual as well as in graphical form
  - Context specific interactive multi-level search
- Displaying data in graphical format with fusion chart; supporting 80 types of charts on mobile
- Feeds and Alerts integration, SSO integration
- Multi-account and multi-tenant login support with a quick switch functionality

BENEFITS

- **Reduced clicks by 30% to accomplish any task**
- **Reduced user learning curve, resulting in improved productivity**
- **Improved decision making as the application was now more accessible and available on mobile with voice input capability**
- **Modernized look and feel resulting in better acceptance and decision-maker buy-in from a sales perspective**

Leading Provider of Mortgage Solutions – Product to Platform Transformation

BACKGROUND

- Our client is a provider of mortgage origination solutions to lenders. It works with thousands of lenders turning over 50,000 loan applicants on a monthly basis.

- The legacy Loan Origination application was desktop based with client server architecture. The loan information such as quotes, credit score checks, and other loan origination and processing information was delivered on next day. This delayed the overall process and led to revenue loss and poor customer satisfaction.

- Other challenges : Not very scalable, not a very user friendly interface, difficult to maintain

XORIANT SOLUTION

- Rearchitected the desktop application into a SOA and Micro-services based SaaS platform including developing and implementing new front and back-end modules.

- Built Web services APIs that allowed multiple client apps to interact seamlessly with back-end loan processing information including enhancing encryption and security access controls

- Integrated existing functionality with UI developed AngularJS to make code base more efficient and maintainable

- Automated CI & CD Process

BENEFITS

- **Ease of configuration on multiple client platforms (mobile/tablet) while ensuring data security, consistent UI and cost savings**

- **Common user interface library allowed consistent user interface elements across various modules and platforms**

- **Enabled lenders to build their custom loan applications using the SaaS based platform**

Leading Innovator of Food Safety & Quality Assurance - On-premise Application Re-design for Cloud & Mobile Enablement

BACKGROUND

- Our client is leading innovator of food safety and quality assurance (FSQA) management solutions The FSQA Operating System delivers the critical tools, program visibility and data intelligence needed to more effectively manage and continuously improve food safety and quality.

- The multi-tenant legacy application had architectural issues as well as performance and scalability problems. The application and its components were on a hosting provider, Windstream.

- Client needed to develop ways to implement the equivalent of on-premises procedures, such as backups, security checks and patches through configuration level changes.

- Client also wanted to mobilize their solution to increase reach and serve their customers better.

XORIANT SOLUTION

- Xoriant rearchitected the application to migrate applications and data from Windstream to Azure. Azure supported scalability as it is very easy to add servers on an as needed basis to the farm.

- Utilized Azure's BizTalk services, Azure blob storage and perpetual licenses which helped reduce the cost significantly.

- Developed mobile application along with new WCF REST service on web applications and iOS & Android mobile platforms

- Developed a new services layer for UI and backend integration

- More control over the environment, faster deployment cycles, low maintenance cost.

BENEFITS

- **Reduced licensing and infrastructure cost**

- **Reduced production downtime**

- **Improved operational efficiencies across the food supply chain by 25%**

- **Increased client's reach & customer base by 20%**

- **Improved overall control over the environment including improving deployment cycles and lowering maintenance costs**

Why Xoriant for Product Modernization?

We have the people, technology know-how and experience proven at every stage of modernization journey to help you achieve the benefits of modernization while mitigating the disruption or avoiding the risks. Know more: **www.xoriant.com**

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