Get High-Impact Education Solutions to Market Faster

Education technology solution providers are actively exploring opportunities to use new, digital technologies to create innovative learning and assessment platforms: platforms their customers can use to provide highly-personalized learning experiences and greater insight into learning efficacy. But, it's a challenge to get solutions to market quickly enough and achieve the right balance between modernizing existing revenue-generating products and developing new ones to expand the business.

Ness Digital Engineering helps education technology solution providers bring the right mix of capabilities to market faster. Our customer experience designers, software platform engineers, and data analytics experts work closely with our clients to modernize their legacy solutions, protect current revenue streams, and develop new products to capture share in emerging markets.

Examples of Our Work

Platform Modernization: Ness worked closely with a leading provider of K-12 Learning Management Systems to build its next generation product suite. This platform modernization included consolidating capabilities from multiple legacy systems onto a single, fully-integrated platform, and then migrating the platform to the cloud. Ness also helped the client establish an Agile software development process, which increased team productivity by nearly 1.5x.

Product Expansion with Partners: A global leader in higher education technology solutions partnered with Ness to enhance revenue opportunities and customer satisfaction by expanding its platform with partners. Ness created a knowledge service catalogue to make content more accessible to the client's platform users and partner applications. To support student success, Ness also developed a data aggregation, analysis and reporting service to improve information transparency & accuracy across an integrated ecosystem of partner applications.

Personalized Communication & Learning: Using data and behavioral analysis, Ness helped a client develop a content personalization system that identifies unique learning styles and automatically curates personalized content. For another client, Ness built an adaptive e-reader which provides a space for students and professors to engage and interact in a uniquely personalized environment.

Measuring Learning Efficacy: To maximize learning and identify improvement areas, Ness helped a client develop a suite of tests that assess knowledge in math, reading and writing for students preparing to enroll in college-level courses. The product is used to identify students' strengths and weaknesses in each subject area and to help them improve their skills by presenting relevant, interactive content through online learning tools.

New Learning Product for Professionals: Ness helped a client significantly improve user satisfaction with a new interactive, learning solution for technology professionals. Ness developed a simulation that enables network administrators to practice creating network solutions via hundreds of structured lab scenarios, including detailed instructions, topology diagrams, critical-thinking questions, hints, and answers.

Improving Product Accessibility and Scale: For a leading virtual school and learning platform provider with millions of active users, Ness developed a mobile app for its flagship product and transformed its customer-facing Web platform. Ness helped another client improve the overall user experience, availability and response time of an online learning platform which resulted in increased customer satisfaction and enabled the product to handle 200% more concurrent users. Ness also has extensive experience in software quality and accessibility testing.

How We Ensure Successful Outcomes for Our Clients: Ness Connected

Our digital platform engineering framework helps companies define and develop the right digital products & services faster to significantly accelerate time to market, improve customer engagement and reduce business risk.

Ness Connected

1
DISCOVER
Frame a common understanding of the need, the context of usage and the calls to action that will deliver the required business outcomes.

2
ENVISION
Develop a preliminary design of the platform as a product. Create experience prototypes to set stakeholder expectations and validate assumptions.

3
BUILD
Implement an iterative roadmap using the right technology and world–class engineers to drive execution excellence.

4
SUSTAIN
Maintain robust discipline to deliver consistent performance. Analyze and adjust features for continuous improvement.

5
EVOLVE
Leverage detailed operational analysis to reveal insights that point towards new opportunities for growth.

ES 0918