indium
Make Technology Work

Digital Real Estate Business Application Development Using Mendix

BUSINESS

Low Code Development

DOMAIN

Real Estate Brokerage

TOOLS

Mendix, Agile Tools

KEY HIGHLIGHTS

- Fully functional platform development with 100% coverage in user workflows, business rules and end user experience

Digital Real Estate Business Application Development Using Mendix

CLIENT

The company is an aggregator of Real Estate agents who are empowered with a cloud based digital platform to conduct brokerage services.

Key business focus
- Transforming the real estate experience by using the application as a marketing channel and business platform.
- Users have direct reach to the agents with integrated messaging and emailing features, simplifying the real estate search and allowing faster and transparent transactions – to showcase inventory and property in visual ways through text, images, 3D views, slides etc.

STATUS QUO

The client required a full stack platform development, QA and delivery partner to realize the transformative digital business model in the real estate economy.
Independent agents, brokers and users make up the platform community. The users of the platform being able to collaborate, interact with professionals in the real estate business, peer to peer communication, transact and administer the brokerage are the key offerings of the platform.

BUSINESS REQUIREMENTS

- Analyze business workflows, role-based functions and value-added features (like built in communication, incentivize users etc.) to achieve the best application experience.
- Leverage a comprehensive suite of tools/technology to make up a sustainable product that is responsive to scale (#users and #transactions)

PLATFORM DEVELOPMENT - INDIUM SOFTWARE'S APPROACH

- Indium proposed Mendix for end-to-end development of the platform, given the low code development, visual modelling full integration capabilities and collaborative dev advantages

- The application was developed using microservices architecture for different functional and privilege flows: agent onboarding, transactions, accounting and admin service & support functions, reports
- Simple and easy UI/UX
- Adopted Agile QA methodology for sprint wise releases

PROJECT MANAGEMENT AND DEVELOPMENT LIFE CYCLE

- The platform development was based on agile project management system with the help of Mendix and other tech stack.
- Indium's core Dev Team collaborated with client-side Product Owners and Functional Teams (onsite) for Requirement Understanding, Status Updates and Reporting.
- Ticket based development for functional coverage and management through JIRA.
- Sprint wise assignment to QA Team for thorough functional and regression tests.
- Supported monthly product releases.
- Real-time and timely communication of project progress, issues and status

BUSINESS VALUE

- The platform has onboarded an agent base of 20,000 users seamlessly and was able to deliver strong digital experience for users.
- Indium's dev team leveraged the best working practices in functional delivery with Mendix.
- One stop solution for Development, Technology Transformation and QA
- Rapid deployments with 100% delivery success.

About Indium

Indium is a Digital Engineering Services leader and Full Spectrum Integrator that helps customers embrace and navigate the Cloud-native world with Certainty. With deep expertise across Applications, Data & Analytics, AI, DevOps, Security and Digital Assurance we "Make technology work" and accelerate business value, while adding scale and velocity to customer's digital journey on AWS.

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