

Modernizing Legacy Applications & Revamping IT Infrastructure For Real Estate

Objective

One of the largest UK based on-line estate agents wanted to revamp their legacy systems and modernize with latest .NET Microsoft technologies. Their existing systems were hosted on Microsoft Windows IIS 8 web server and had a separate server hosting for the SQL Server database. Many application silos were created by the past team and they wanted to centralize their systems for better visibility. We helped our customer modernize their existing applications and also redeveloped a centralized customer portal for managing the online & offline housing requirements.

Challenges

- Migrating from Classic ASP to ASP Core
- Absence of application integration
- Outdated technology, leading to creating of new application code
- Lack of infrastructure to support both the internal & external users

Approach

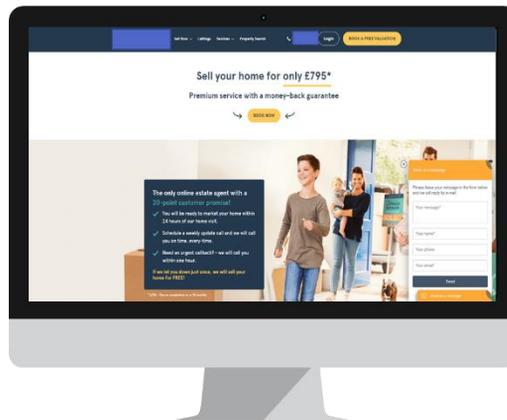
We first analyzed the current infrastructure to identify the gaps and develop a robust environment to support all the applications through code upgrades. Many dependencies were created due to poor coupling between the database and the applications, leading to higher application failures.

Many single point of failures were identified, which helped the team to develop automated scripts for managing such failures. Our application development team modernized all the existing applications using ASP .Net Core technology and delivered mobile enablement through various APIs.

The customer portal delivered many intuitive features like delivering alerts on new available property to internal users, push notifications to website users, real-time availability of the inventory.

Business Benefits

- Better user experience & mobile accessibility
- Centralized administration, eliminating duplication of inventory posting
- Single view of inventory, simplifying the decision process
- Detailed Reporting & Analytics



Industry Segment

Real Estate

Customer Profile

UK-based largest on-line estate agents

Technology and Tools

- SQL Server
- Windows Server with IIS
- ASP.NET Core 2
- .NET Core 2 APIs
- C#
- Bootstrap
- Microsoft Visual Studio

About Rishabh Software

Rishabh Software is a CMMI 3, ISO9001, ISO 27001, Microsoft Gold Partner & Oracle Gold Partner providing application development services & solutions to mid-sized enterprises globally through our offices in the US, UK and India. We leverage the latest technology stacks in Cloud, Mobile, Business Intelligence and other Enterprise technologies helping clients to get the best value of their IT budget. With our team of 250+ application developers, we have implemented 1000+ successful projects across 24 countries. We work on .NET, Java, PHP, iOS, Android, Oracle, IBM and Open Source technologies.



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