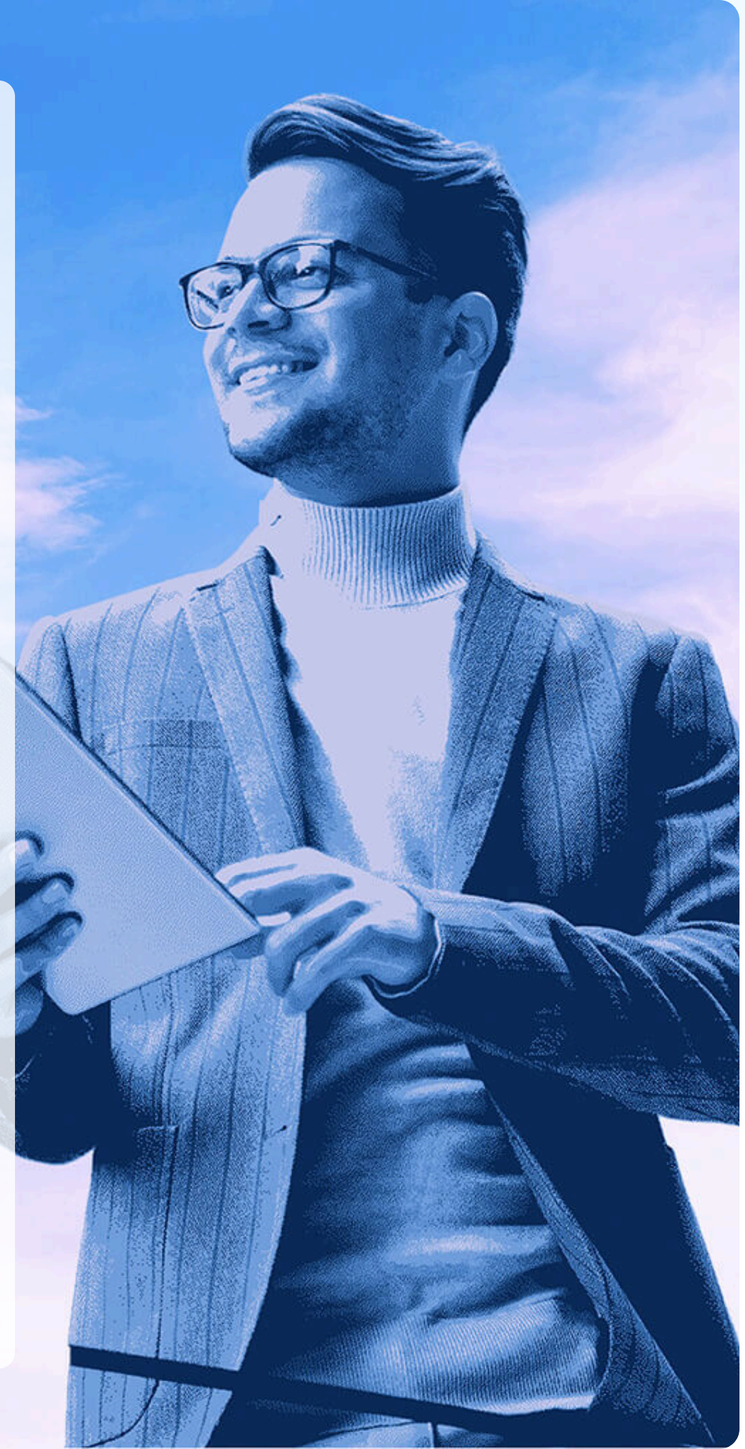
Insight AI

CLIENT STORY

Accelerating Digital Learning: Insight AI Empowers Bud Systems' Training Platform



Education

Story Snapshot

Bud Systems, a UK-based education technology provider, sought to enhance its training management platform for independent training providers, universities, colleges and employers. With an ambitious product backlog and tight delivery timelines, Bud partnered with Insight AI to accelerate development, whilst maintaining code quality and streamlining operations. The collaboration enabled faster feature releases and quality developments, directly improving the platform offering and user experience.

The Challenge

In late 2021, with ambitious growth plans and an increasing development backlog, Bud Systems faced the challenge of how to meet their delivery plans within the timescales the business required.

To support these ambitious timelines, Bud needed a flexible, scalable solution that could integrate seamlessly with their existing processes and help them achieve their objectives within budget and regulatory constraints.



> Insight AI were an ideal partner choice for Bud, with representation locally and a depth of strong relevant technical expertise remotely, we were able to augment our delivery capability in way that was both effective and flexible, adapting to our changing needs throughout the project. The team and supporting leadership were a pleasure to work with, facilitating strong collaboration at all levels to deliver on our goals.

MARK MCGRATH, CTO, BUD SYSTEMS

The Solution

Insight AI provided a dedicated team of professionals who quickly integrated with Bud's existing development team, working under the client's management using the Scrum framework. Insight AI was actively involved in maintaining the system and implementing new functionality.

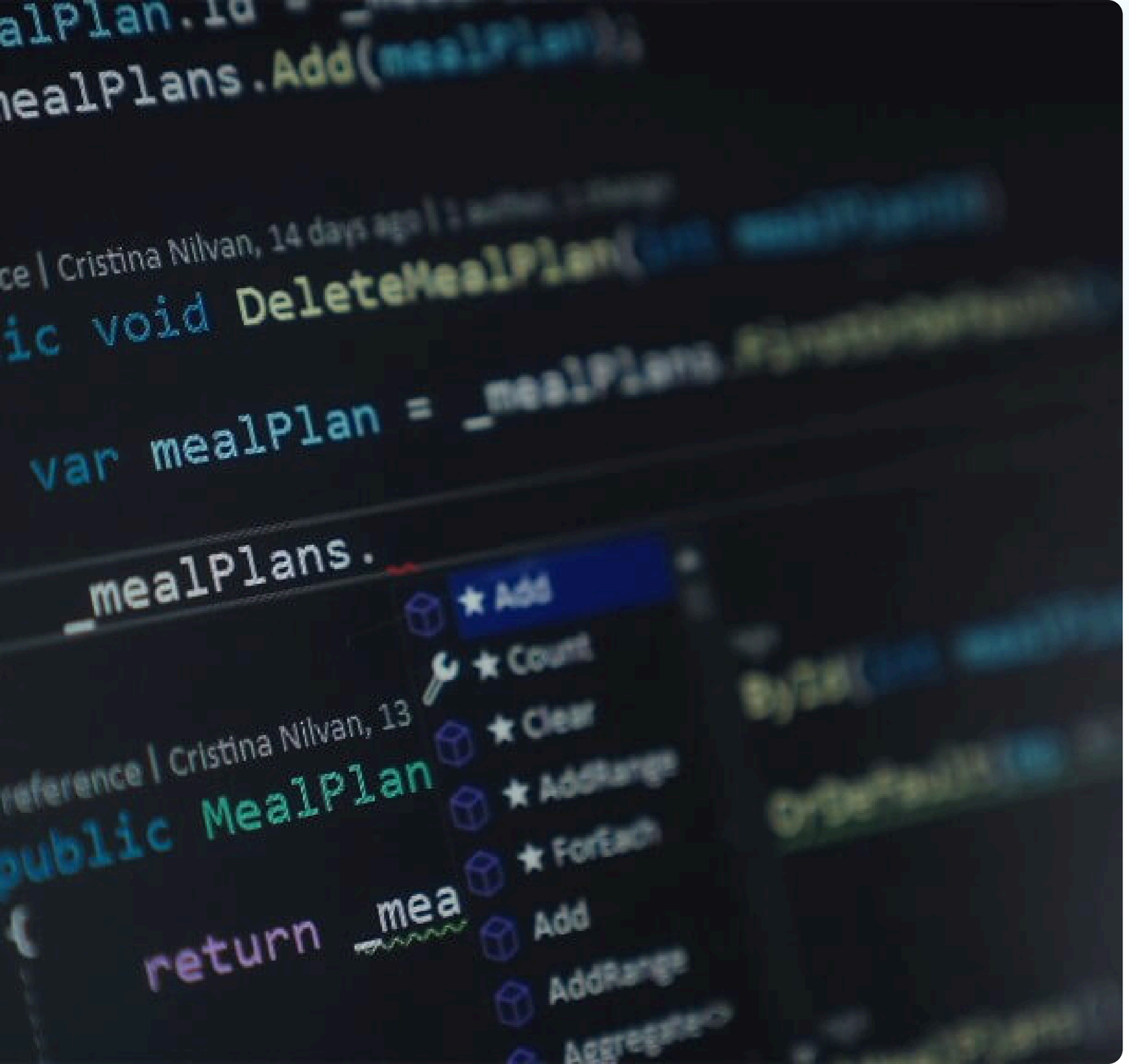
In addition to building new platform features, the team focused on upgrading Angular, refactoring code, updating documentation and recommending new technologies. Key improvements included upgrading the .NET version and enhancing the platform's flexibility and scalability. The solution was custom-built to support significant user volumes, leveraging Azure cloud hosting and a microservices architecture. Advanced data management techniques, including CQRS, data replication and real-time processing, ensured high performance and scalability.

Insight AI' approach emphasised quality standards, code reviews and ongoing support, enabling Bud to overcome their backlog, accelerating delivery of a robust, compliant platform.

Results

The addition of the Insight AI team's expertise led to the successful delivery of key backlog items, and more frequent releases, whilst maintaining delivery quality. The platform's flexibility allowed Bud to easily scale the development team as needed, supporting business scale-up with readiness for future growth. Positive client feedback highlighted the professionalism and impact of Insight AI team members, particularly in the successful release of major Angular upgrades.





Technical Highlights

The project was delivered using the Scrum agile methodology, with Insight AI professionals fully integrated into Bud's processes. Key milestones included upgrading Angular and .NET, comprehensive code refactoring and documentation updates. The solution utilised Azure cloud hosting and a microservices architecture, supported by the CQRS pattern for efficient data management. Integration with legacy systems was managed by adhering to Bud's established processes, while code reviews and recommendations ensured ongoing quality improvements. Security and compliance were maintained throughout, with robust infrastructure and scalable design.



Why Insight AI?

We were chosen by Bud Systems for our commitment to quality standards and deep expertise in Microsoft technologies. Our ability to integrate seamlessly with their team, adapt to their processes and provide flexible, scalable support made us the ideal partner for this education sector project. Our collaborative approach and focus on delivering tangible results enabled Bud to overcome their development challenges and achieve their business objectives.

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Thank you for reading

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