

## Case Studies

	Interactive Healthcare Platform	NoSQL Database Dashboard	Recommendation Engine	eCommerce Mobile App
Customer	A world leader in networking. The project was for their interactive services solution for healthcare.	A NoSQL database company with a highly scalable, fast and clustered database.	A social news reader app developed for a retail giant to drive customer engagement.	Leading US based eCommerce site. The project was a mobile eCommerce app.
Engagement	The solution involves interactive displays, web technologies, interactive multimedia, and collaboration capabilities. The solution consists of digital media devices, a management platform, collaboration applications and a network infrastructure. GS Lab worked on various components of this solution.	Developed a dashboard to monitor the database cluster in near-real time. The dashboard was implemented to be very lightweight and fast. Dashboard information was refreshed at a 1-second interval. The application used existing APIs to retrieve system information and processed it to show relevant data.	The application that was developed by GS Lab using open technologies serves news from hundreds of sources through a unified user interface. The news reading habits of users are tracked, analysed, and recommendations generated.	We focused on the correct use of user-interface and search so as to present the huge database of items in a simple and attractive way to users. Memory optimization was achieved by cache purging and lazy loading.
Value	The GS Lab team could extend development support across the various expertise and technology skills required to build this solution.	Prototype delivered in 8 weeks, leveraging our expertise in REST back-ends and browser-based frontends. The dashboard became a part of the product and enhanced its functionality.	Enabled the customer to evaluate and leverage open source technologies, providing tremendous cost savings over previously used proprietary technology.	Took complete ownership of development and QA of the product. An engagement of 8 months that managed one version of the product completely.