How one of the General Store Depot of Northern Railway solved the problem of scrap data management. And make it easily available for the railway employees as well as for Auction process.

The Northern Railway (NR) is one of the 19 Railway zones of India officially notified in 14th April 1952.

The General Store Depot. Alambagh Lucknow holds & manages thousands of of 'stock' (regularly required) and 'non-stock' (occasionally required) items in its depots. These items are largely spare parts and consumables of diesel and electric locomotives, coaches, freight wagons, railway tracks and other machines. Apart from spare parts and consumables it also handles a good amount of scrap. A proper unified materials management platform was missing. It was cumbersome for the new employees and contract workers to search the scrap parts within the depot warehouses. Bito Technologies has delivered a QR Code based application to solve this problem.

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Password
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Northern railways wanted somewhat much contemporary, fast and effortlessly productive software platform infused with other tech-enabled practices. The objectives were simple– a multi-utility tool for all store management tasks. A more elaborate reflection can be given as:

1. A centrally managed web application accessible through smartphones, tablets and larger personal computing devices. A cloud computing enabled Management Information System (MIS).

2. Each type of item/ spare part should be identified uniquely. its location can be found online in a few seconds. Each item has its own name (and unique identification code (product licence number)). Just by feeding the name/ (or code) in the app, all the essential information (regarding its nature of use, its physical appearance, available quantity, its warehousing data including the location in the store) should appear on the screen.

3. The software application should rather work as a handy support application for supply chain management and logistics, user management, accessibility restrictions, and inventory management. The software should play a pivotal role in decision making (procurement decisions, vendor selection and other decisions).

At Bito Technologies we take advantage of every opportunity to continuously refine our software development process to excel the customer expectations. We began a thorough research on how we can implement the demanded features with leading-edge technologies in the **store management system** (SMS). An **inventory management software** unified with **supply chain management** features. A system which fulfils the all the nitty gritties of the practicality without sacrificing the security, robustness and availability. The research accompanied a lot of field work, discussions and meetings. During the development work many new insights led the way for better methods to handle routine store management tasks.

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