We were approached by an organization’s inventory management department to address recurring issues of stock outs and overstock situations, which were leading to delays, increased costs and customer dissatisfaction. These challenges were significantly impacting the organization’s revenue and causing unnecessary expenses.

To address these issues, our team conducted a comprehensive business analysis of the existing inventory management system. We began by clearly defining the problem: frequent stock outs and overstock situations. Our primary objective was to identify the root causes of these inventory imbalances and develop a solution to mitigate them.

We then structured the project using the Software Development Lifecycle (SDLC) framework, which included the following phases: ideation/project concept, requirement analysis, design, testing, deployment, and implementation. Throughout this process, we worked on developing a new inventory management system that was better equipped to handle the organization's needs.

After implementing the new system, the organization experienced a 10% increase in revenue in the following months, and customer satisfaction improved significantly. This successful outcome demonstrated the effectiveness of our analysis and the value of a well-designed inventory management system.