PSI helps in creating a comprehensive jewellery inventory and logistics management system:

# Client simplifies its operations!

*"This software is one of the greatest things that has happened to our business. It does everything we need and much more than we ever dreamed possible."*

*--Client*

## ENGAGEMENT HIGHLIGHTS:

PSI helped client in creating a world class comprehensive jewellery industry management system that includes all the functions of a manufacturing firm. All the features are simple to use and are easily understood by both owners and staff, making the transition to the software very easy. They also wanted the application to provide currency wise rates to facilitate their overseas transactions. This application takes advantage of the rapidly evolving technology and has transformed vendor engagement for the firm.

# PSI CREATED A COMPREHENSIVE JEWELLERY STORE MANAGEMENT SYSTEM CATERING TO ALL THE REQUIREMENTS OF A LEADING JEWELLERY FIRM

## About the Client

The client is a leading manufacturer and supplier of gems, precious stones and jewellery ranging from gold to silver. The client is tied up with approximately sixty vendors who in turn export their gems and Jewellery in overseas market. The client is well known in the Industry for the quality products manufactured by them.

## The Need

The client wanted to grow their business further by streamlining and automating their existing manual processes. They conceptualized the solution and approached PSI for developing the same. They were looking for an application interface that could cover all the requirements of a jewellery firm from categorization of stones to issue of stones, inventory management, invoicing and logistics etc. They also wanted the application to facilitate their overseas transactions.

## Challenges

KEY BUSINESS CHALLENGES:-

- Unclear requirements.
- Very tight delivery schedule.
- Lack of Domain Knowledge and expertise
- Learn and deliver simultaneously
- No single point of contact for requirement understanding resulting in requirement changes on the fly.
- Information provided to us was very scattered and there was no involvement of the end users.
- Huge variation between initial BRD and the final requirements.

KEY TECHNOLOGY CHALLENGES:-

- Minimizing the impact of frequent change requests.
- Complex reporting structure.
- Complex queries were involved.
- Creating a simple UI for the cumbersome and complex processes.
- Minimizing the impact of frequent changes during the entire development cycle.

# Project at a Glance!

## PSI'S SOLUTION APPROACH

The client shared the requirements with us which were freezed in 2-3 sessions. We adopted Waterfall model as our development methodology. We researched about the Industry thoroughly to acquaint ourselves with all the nitty gritties of the Gem and Jewellery Industry. We had multiple meetings with the client to understand their business completely. To make the application cost effective, we used tools wherein licensing cost would not be incurred.



Waterfall Model — Requirement Analysis → System Design → Implementation → Testing → Deployment → Maintenance
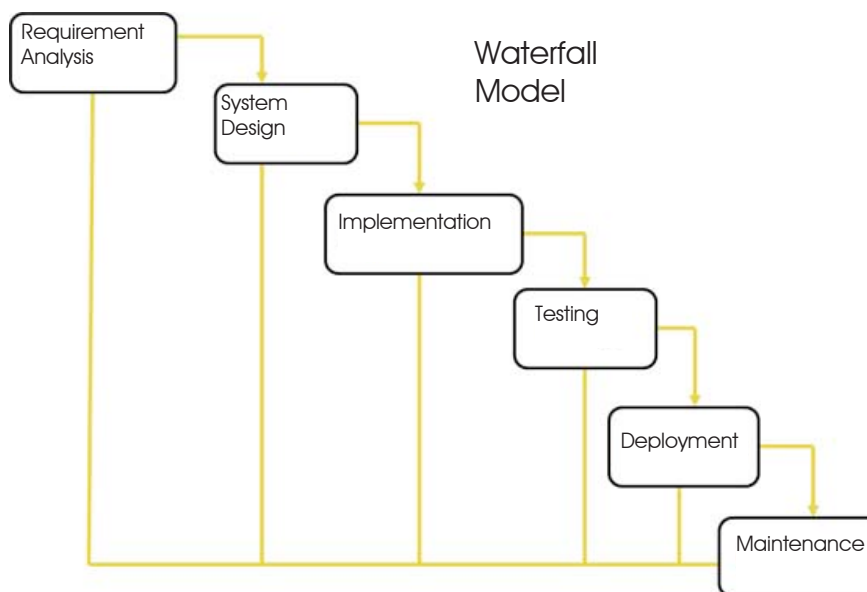
## PRODUCT FEATURES

- Inventory: Inventory management that speeds entry and simplifies ordering
- Manufacture and Repair: Advance, streamlined job tracking
- Reports and Analytics: In-depth, real-time reports and analytics
- Supplier Management: Complete control of supply side ordering
- Financials and Accounting modules
- Admin Dashboard: Secure, flexible and automated

## TECHNOLOGY USED:

**Language:** Java
**Framework:** Spring & Hibernate
**Front End:** JSP
**App Server:** Apache Tomcat
**Database:** MySQL
**Platform:** Eclipse
**Development Tools:** Eclipse
**Design Tools:** Photoshop

## ACHIEVEMENTS

Delivered a secure, robust, viable, enriched and cost effective application that was supported by all the web browsers.

Delivery of the project within the timelines and budget in spite of lack of expertise in the given business domain.

Successful handling of frequent change requests.

Delivered a quality application which was highly appreciated by the client.

**Microsoft**
**GOLD CERTIFIED**
*Partner*

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ISO 9001

**About PSI**

PSI is a market leading IT Services Company headquartered in CA, USA, providing Software Product Development, IT consulting & Offshore Outsourcing Solutions to ISV's (Independent Software Vendors), ASP's (Application Service Providers), IT Service Providers and IT Consumers from across the globe. With a Dedicated Software Development & Delivery Center in India, equipped with latest hardware, software and data communication facilities; PSI provides an ideal offshore development center (ODC) to its esteemed clients

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**Global IT Solutions**