



**Capstone Project Proposal**  
**On**  
**“Industry-level Desktop**  
**Management Information System”**

**Software Development Capstone Project**

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## **Introduction:**

In today's fast-paced business world, companies need to have access to reliable and efficient systems to manage their operations. A Desktop Management Information System (DMIS) can help companies improve their operations by automating many manual processes and providing real-time information about their business operations.

## **Objectives:**

1. To develop an Industry-level Desktop Management Information System that provides companies with real-time information about their business operations.
2. To improve the efficiency of business operations by automating manual processes.
3. To provide companies with a centralized platform for managing their operations and making data-driven decisions.

Scope: The Industry-level DMIS will be a desktop-based application that can be installed on computers in the company's offices. The system will provide companies with a centralized platform for managing their operations, including sales, inventory, and financial management. The system will also provide real-time information about the company's operations, including sales trends, inventory levels, and financial performance. The system will be designed to be user-friendly and easy to use, so that even employees with limited technical skills can use it effectively.

## **Methods:**

1. Requirements Gathering: The requirements for the industry-level DMIS will be gathered through a combination of interviews with stakeholders and a review of industry best practices.
2. System Design: The Industry-level DMIS will be designed using industry best practices for desktop management information systems.
3. Implementation: The system will be implemented using a combination of desktop development technologies, such as Java or .NET, and a database management system, such as Oracle or SQL Server.
4. Testing: The system will be thoroughly tested to ensure that it meets the requirements and is easy to use.
5. Deployment: The system will be deployed in the company's offices and trained employees will be available to provide support and help employees get started with using the system.

### **Technologies Used:**

1. Desktop development technologies, such as Java or .NET, for the implementation of the system.
2. A database management system, such as Oracle or SQL Server, for storing and retrieving data.
3. Industry best practices for desktop management information systems.

### **Project Deliverables:**

1. A working prototype of the Industry-level Desktop Management Information System.
2. A comprehensive documentation of the system design and implementation.
3. A user manual for the system.
4. A presentation that demonstrates the key features and benefits of the system.
5. A report on the testing and deployment of the system.