

# **PROJECT REPORT**

**Title:** Food Management System

## **1. Introduction**

Food Management System is a Java based console application used to manage food items efficiently.

It allows users to add, view and delete food items using Object Oriented Programming concepts.

## **2. Objective**

- To manage food records easily
- To reduce manual work
- To implement OOPs concepts practically

## **3. Scope**

This project is useful for small restaurants, canteens and academic purposes.

It can be enhanced with database and GUI in future.

## **4. Software Requirements**

- Operating System: Windows/Linux
- Language: Java
- IDE: Eclipse
- JDK: 8 or above

## **5. Hardware Requirements**

- Processor: Intel i3 or above
- RAM: 4GB minimum
- Hard Disk: 100GB

## **6. Technologies Used**

- Java
- OOPs Concepts
- ArrayList
- Scanner Class

## **7. Modules**

- Add Food Item
- View Food Item
- Delete Food Item

## **8. Advantages**

- Easy to use
- Time saving
- Error free processing

## **9. Limitations**

- No database connection
- No GUI interface

## **10. Future Enhancements**

- Database integration
- GUI using JavaFX/Swing
- Billing system

## **11. Conclusion**

Food Management System is a simple and effective Java project suitable for students to understand

OOPs concepts and real-world applications.

## **12. Bibliography**

- Java Documentation
- Oracle Tutorials
- Class Notes