

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