TCHA-VEI

CHRISTIAN MADAOUA

23669 WEB TECHTNOLOGY FINAL EXAM

PROJECT: WAREHOUSE MANAGEMENT SYSTEM

1. Project Requirement:

1.1 Introduction:

Overview of the Warehouse Management System.

Purpose and objectives of the system.

Scope and limitations.

1.2 Functional Requirements:

Inventory management.

Order processing.

Receiving and shipping.

User roles and permissions.

Reporting and analytic.

Integration with other systems.

1.3 Non-functional Requirements:

Performance and scalability.

Security.

Usability and user experience.

System reliability and availability.

Regulatory compliance.

1.4 User Stories:

Detailed scenarios illustrating user interactions with the system.

Use cases for various roles (warehouse administrator, etc.).

2. Project Plan:

2.1 Project Scope:

Define the boundaries of the warehouse management system.

The boundaries of a Warehouse Management System (WMS) refer to the limits and scope

Identify key deliverable.

2.2 Timeline:.

Milestones and deadlines.

2.3 Resource Allocation:

We use spring boot for the back-end and react js for the front-end.

3. User Documentation:

3.1 System Overview:

Introduction to the WMS.

Purpose and benefits for users.

3.2 Getting Started:

User registration and login.

Navigation through the system.

3.3 Functionality:

Instructions for inventory management.

Order processing guidelines.

Reporting and analytic usage.

4. Technical Documentation:

4.1 Architecture:

System architecture diagram.

4.2 Database Design:

Entity-relationship diagram.

4.3 Code Documentation:

Code structure and organization.

Comments and documentation within the codebase.

