Tax Management System 3 Tire Architecture Review

Overview

This document is developed to be submitted to infrastructure and network security team to review and approve system architectures prior to requesting for server provision for test server. Once this has been reviewed and approved by both infrastructure security and server & storage team, the server request form shall be submitted along with detail of the server specification

Background about the System under Consideration

Tax Management System (TMS)

The **Tax Management System (TMS)** is developed to automate and streamline tax-related processes within an organization. It enables efficient handling of tax calculations, submissions, tracking, and reporting while ensuring compliance with national tax regulations. The system provides a centralized platform to manage various tax types such as income tax, VAT, withholding tax, and corporate tax. It automates repetitive tasks, minimizes errors, and ensures data accuracy. The TMS also integrates with the HR system via API to fetch branch and region information, allowing authorized users to monitor tax obligations, submit reports, and maintain accurate tax records.

Interfaces: Interactions Between Components of the System

The **TMS** follows a simple, maintainable architecture consisting of an **application server**, **database server**, and **single web server** used for hosting and testing purposes.

- ✓ **Web Server:** Hosts the TMS application, handles user requests, manages sessions, and serves both dynamic and static content.
- ✓ **Application Layer (Business Logic):** Executes tax calculations, taxpayer management, return generation, payment reconciliation, and report creation.
- ✓ **Database:** Stores all system data, including taxpayer details, tax categories, transactions, payments, and audit logs, ensuring integrity and security through controlled access and backups.

The system employs a layered architecture where the web interface manages user interaction, the application layer processes business logic, and the database ensures secure data storage and retrieval.

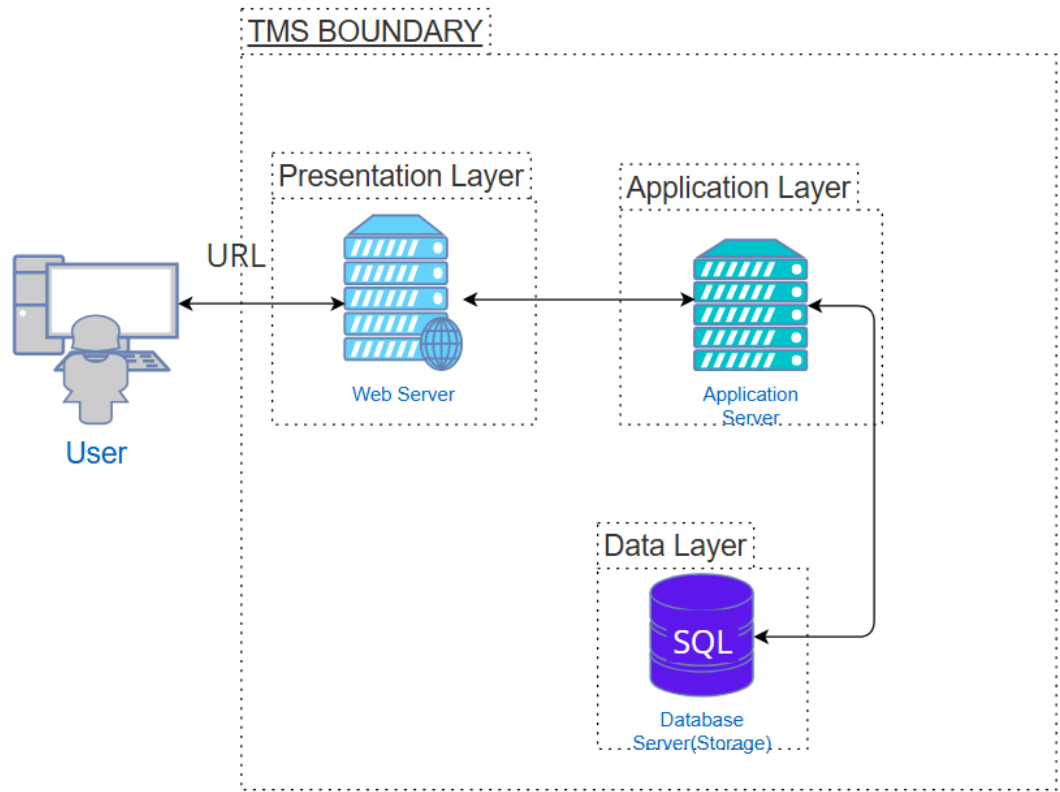**3 Tire Architecture for Tax Management System (TMS) UAT environment**

Figure 1: Overall System Architecture

Approval

Infrastructure Security	Server and Storage
Name:	Name:
Signature:	Signature:
Remark:	Remark: