

## **7. Functional and Performance Testing**

### **7.1 Vulnerability Report (Vulnerability Assessment and Impact) :**

#### **1. Introduction to Vulnerability Assessment :**

Vulnerability assessment is a critical security process used to identify, evaluate, and prioritize security weaknesses in an organization's IT infrastructure. This assessment helps in mitigating risks before cybercriminals exploit them.

**Assessment Type :** Network Security, Web Application Security, Compliance Audit

#### **2. Impact Analysis :**

- **Business Impact:** Data breaches, financial losses, reputational damage.
- **Technical Impact:** System downtime, unauthorized data access, malware infections.
- **Compliance Risk:** Non-compliance with security standards like **ISO 27001, PCI-DSS, GDPR.**