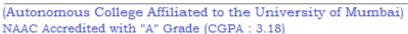


# Shri Vile Parle Kelavani Mandal's

# DWARKADAS J. SANGHVI COLLEGE OF ENGINEERING





Academic Year: 2022-2023

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Class:	T. Y. B. Tech (Computer Engineering)		
Course:	Software Engineering Laboratory		
Course Code:	DJ19CEL601		
Experiment No.:	08		

#### **RISK INFORMATION SHEET**

RISK INFORMATION SHEET				
RISK ID: R004	Date: 25/04/2024	Prob: 20%	Impact: Critical (2)	

### **Description:**

Security vulnerabilities pose the risk of data breaches or unauthorized access to sensitive legal information within the system.

### **Refinement/Context:**

**Sub Condition 1:** Insufficient encryption protocols in place for data storage and transmission.

**Sub Condition 2:** Lack of regular security updates and patches for system components. **Sub Condition 3:** Weaknesses in authentication and authorization mechanisms.

### Mitigation/Monitoring:

- 1. Implement robust encryption algorithms for sensitive data both in transit and at rest.
- 2. Regularly update and patch system components to address known security vulnerabilities.
- **3.** Enhance authentication mechanisms with multi-factor authentication and role-based access control.

## **Management/Contingency Planning/Trigger:**

- 1. Detection of unauthorized access attempts or security breaches in system logs.
- 2. Discovery of vulnerabilities during security audits or penetration testing.

#### **Current status:**

27/04/2024: Mitigation steps initiated

**Originator:** Akshata Dharmadhikari **Assigned:** Prerna Jadhav, Kalpita Shankhdhar