Shri Vile Parle Kelavani Mandal's
DWARKADAS J. SANGHVI COLLEGE OF ENGINEERING
(Autonomous College Affiliated to the University of Mumbai)
NAAC Accredited with "A" Grade (CGPA : 3.18)

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