

Project Name: Railway Reservation System

Date: 05/10/2023

Risk Register ID: RS_RS1

Project Manager: Kanhaiya Mishra

Risk Identification

RISK ID	RISK DESCRIPTION	RISK CATEGORY	SOURCE
R1	Security Vulnerabilities	Technical risks	Technology limitations or human error
R2	Cost Estimation Errors	Budget Overruns	Human Error
R3	Database not storing credentials	Technical risks	Technology limitations
R4	Server Downtime	Operational risks	Infrastructure Weaknesses
R5	User Interface Issues	Usability risk	User Feedback
R6	Legal and Regulatory Compliance	Compliance	Regulatory Changes

Risk Analysis

RISK_ID	IMPACT(1-5)	LIKELIHOOD(1-5)	SEVERITY	PRIORITY
R1	2	3	6	MEDIUM
R2	3	3	9	MEDIUM
R3	4	3	12	HIGH
R4	4	2	8	MEDIUM
R5	3	3	9	MEDIUM
R6	4	3	12	HIGH

Risk Response Planning

RISK ID	RISH RESPONSE STRATEGY	RESPONSIBLE PARTY	TARGET COMPLETION DATE	STATUS
R1	MITIGATION	ORGANIZATION	24-Sep-23	OPEN
R2	AVOIDANCE	ORGANIZATION	26-Sep-23	CLOSED
R3	ACCEPTANCE	ORGANIZATION	30-Sep-23	OPEN
R4	AVOIDANCE	ORGANIZATION	01-Oct-23	OPEN
R5	ACCEPTANCE	ORGANIZATION	05-Oct-23	CLOSED
R6	MITIGATION	ORGANIZATION	07-Oct-23	CLOSED

Risk Monitoring and Control

RISK ID	STATUS UPDATE	DATE OF LAST UPDATE	KEY PERFORMANCE INDICATORS
R1	CHANGE IN LIKELIHOOD	02-Oct-23	No security breaches reported
R2	CHANGE IN LIKELIHOOD	03-Oct-23	Budget vs. actual expenditure
R3	CHANGE IN IMPACT	04-Oct-23	Risk Exposure Index
R4	CHANGE IN LIKELIHOOD	05-Oct-23	Server uptime percentage
R5	CHANGE IN LIKELIHOOD	06-Oct-23	User satisfaction ratings
R6	CHANGE IN LIKELIHOOD	07-Oct-23	Compliance with relevant regulations

Contingency Planning

RISK ID	CONTINGENCY PLAN DESCRIPTION	TRIGGER POINTS FOR ACTIVATION
R1	LIKELIHOOD UPDATED IN PROJECT	Detection of a security breach.
R2	LIKELIHOOD UPDATED IN PROJECT	Budget constraints identified.
R3	IMPACT UPDATED IN PROJECT	Technical failure or delays.
R4	LIKELIHOOD UPDATED IN PROJECT	Extended server downtime.
R5	LIKELIHOOD UPDATED IN PROJECT	Escalation of user issues.
R6	LIKELIHOOD UPDATED IN PROJECT	Legal non-compliance detected.