

School of Computer Science Engineering and Technology

Course- B.Tech
Course Code- CSET-324
Year- 2025-26

Type- Elective-II
Course Name: Software Project Management
Semester- ODD

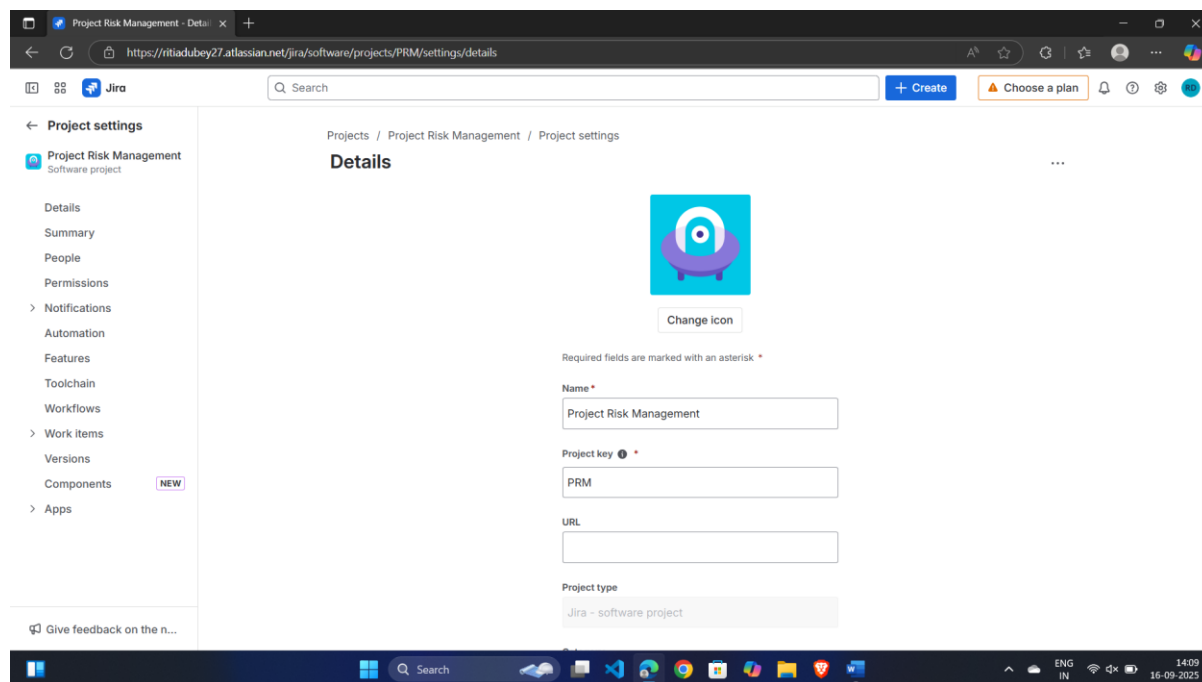
Lab Assignment 07–

CO-Mapping

Exp. No.	Name	CO1	CO2	CO3	CO4	CO5
07	Risk Register and Escalation Workflow			✓		✓

Tasks in Jira:

Task 1: Create a Risk Project / Issue Type



Task 2: Add Risks

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Backlog (8 work items)

Create a whiteboard to plan your work TRY

PRM-1 Server Downtime NEW

PRM-2 Unstable Video Call Performance NEW

PRM-3 Integration Failure with Hospital Systems NEW

PRM-4 Data Privacy Breach NEW

PRM-5 Doctors Resisting Adoption NEW

PRM-6 Scope Creep During Development NEW

PRM-7 Budget Overruns NEW

PRM-8 Key Developer Leaving Mid-Project NEW

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PRM-3 Integration Failure with Hospital Systems NEW

PRM-4 Data Privacy Breach NEW

PRM-5 Doctors Resisting Adoption NEW

PRM-6 Scope Creep During Development NEW

PRM-7 Budget Overruns NEW

PRM-8 Key Developer Leaving Mid-Project NEW

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Add parent /

PRM-1

Details

Risk Category Technical

o Probability High

Impact High

Risk Score 9

Mitigation Strategy Set up load balancing and failover servers. Implement real-time server monitoring and alerts. Maintain a disaster recovery plan with backup servers

Owner Backend Developer

Assignee Unassigned

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PRM-3 Integration Failure with Hospital Systems NEW

PRM-4 Data Privacy Breach NEW

PRM-5 Doctors Resisting Adoption NEW

PRM-6 Scope Creep During Development NEW

PRM-7 Budget Overruns NEW

PRM-8 Key Developer Leaving Mid-Project NEW

+ Create

Quickstart

Add parent /

PRM-2

Details

Risk Category Technical

o Probability Medium

Impact High

Risk Score 6

Mitigation Strategy Use WebRTC optimization, test under different network conditions, implement fallback to audio

Owner Backend Developer

Assignee Unassigned Assign to me

Reporter Riti Dubey

14:10 16-09-2025

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Backlog (8 work items)

Create a whiteboard to plan your work TRY

PRM-1 Server Downtime NEW

PRM-2 Unstable Video Call Performance NEW

PRM-3 Integration Failure with Hospital Systems NEW

PRM-4 Data Privacy Breach NEW

PRM-5 Doctors Resisting Adoption NEW

PRM-6 Scope Creep During Development NEW

PRM-7 Budget Overruns NEW

PRM-8 Key Developer Leaving Mid-Project NEW

+ Create

Quickstart

Add parent /

PRM-3

Details

Risk Category Technical

o Probability High

Impact Medium

Risk Score 6

Mitigation Strategy Create API mock services, early integration testing, maintain vendor communication.

Owner Integration Specialist

Assignee Unassigned Assign to me

Reporter Riti Dubey

14:10 16-09-2025

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PRM-2 Unstable Video Call Performance NEW

PRM-3 Integration Failure with Hospital Systems NEW

PRM-4 Data Privacy Breach NEW

PRM-5 Doctors Resisting Adoption NEW

PRM-6 Scope Creep During Development NEW

PRM-7 Budget Overruns NEW

PRM-8 Key Developer Leaving Mid-Project NEW

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Add parent /

PRM-4

Details

Risk Category Technical

o Probability Medium

Impact High

Risk Score 6

Mitigation Strategy End-to-end encryption, penetration testing, role-based access control

Owner Security Analyst

Assignee Unassigned Assign to me

Reporter Riti Dubey

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PRM-2 Unstable Video Call Performance NEW

PRM-3 Integration Failure with Hospital Systems NEW

PRM-4 Data Privacy Breach NEW

PRM-5 Doctors Resisting Adoption NEW

PRM-6 Scope Creep During Development NEW

PRM-7 Budget Overruns NEW

PRM-8 Key Developer Leaving Mid-Project NEW

+ Create

Quickstart

Add parent /

PRM-5

Details

Risk Category Managerial

o Probability Medium

Impact Medium

Risk Score 4

Mitigation Strategy Provide training sessions, incentives for adoption, user-friendly UI.

Owner Medical Domain Expert

Assignee Unassigned Assign to me

Reporter Riti Dubey

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Backlog (8 work items)

Create a whiteboard to plan your work

PRM-1	Server Downtime	NEW	-	=	
PRM-2	Unstable Video Call Performance	NEW	-	=	
PRM-3	Integration Failure with Hospital Systems	NEW	-	=	
PRM-4	Data Privacy Breach	NEW	-	=	
PRM-5	Doctors Resisting Adoption	NEW	-	=	
PRM-6	Scope Creep During Development	NEW	-	=	
PRM-7	Budget Overruns	NEW	-	=	
PRM-8	Key Developer Leaving Mid-Project	NEW	-	=	

+ Create

Quickstart

Add parent / PRM-6

Details

Risk Category: Operational

o Probability: Medium

Impact: High

Risk Score: 6

Mitigation Strategy: Strict change control process, maintain updated project backlog, stakeholder approvals.

Owner: Project Manager

Assignee: Unassigned
Assign to me

Reporter: Riti Dubey

14:11
16-09-2025

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Backlog (8 work items)

Create a whiteboard to plan your work

PRM-1	Server Downtime	NEW	-	=	
PRM-2	Unstable Video Call Performance	NEW	-	=	
PRM-3	Integration Failure with Hospital Systems	NEW	-	=	
PRM-4	Data Privacy Breach	NEW	-	=	
PRM-5	Doctors Resisting Adoption	NEW	-	=	
PRM-6	Scope Creep During Development	NEW	-	=	
PRM-7	Budget Overruns	NEW	-	=	
PRM-8	Key Developer Leaving Mid-Project	NEW	-	=	

+ Create

Quickstart

Add parent / PRM-7

Details

Risk Category: Managerial

o Probability: Low

Impact: High

Risk Score: 3

Mitigation Strategy: Track expenses closely, negotiate vendor contracts, maintain contingency budget.

Owner: Project Manager

Assignee: Unassigned
Assign to me

Reporter: Riti Dubey

14:12
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- PRM-5 Doctors Resisting Adoption NEW
- PRM-6 Scope Creep During Development NEW
- PRM-7 Budget Overruns NEW
- PRM-8 Key Developer Leaving Mid-Project NEW

+ Create Quickstart

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Details

Risk Category Managerial

o Probability Medium

Impact High

Risk Score 6

Mitigation Strategy Knowledge-sharing sessions, maintain updated documentation, cross-training team members.

Owner Team Lead

Assignee Unassigned Assign to me

Reporter Riti Dubey

Task 3: Configure Escalation Workflow

Edit - Software Simplified Work - Jira

https://titiadubey27.atlassian.net/secure/admin/workflows/WorkflowDesigner.jspx?wfName=Software%20Simplified%20Workflow%20for%20Project%20PRM&workflow...

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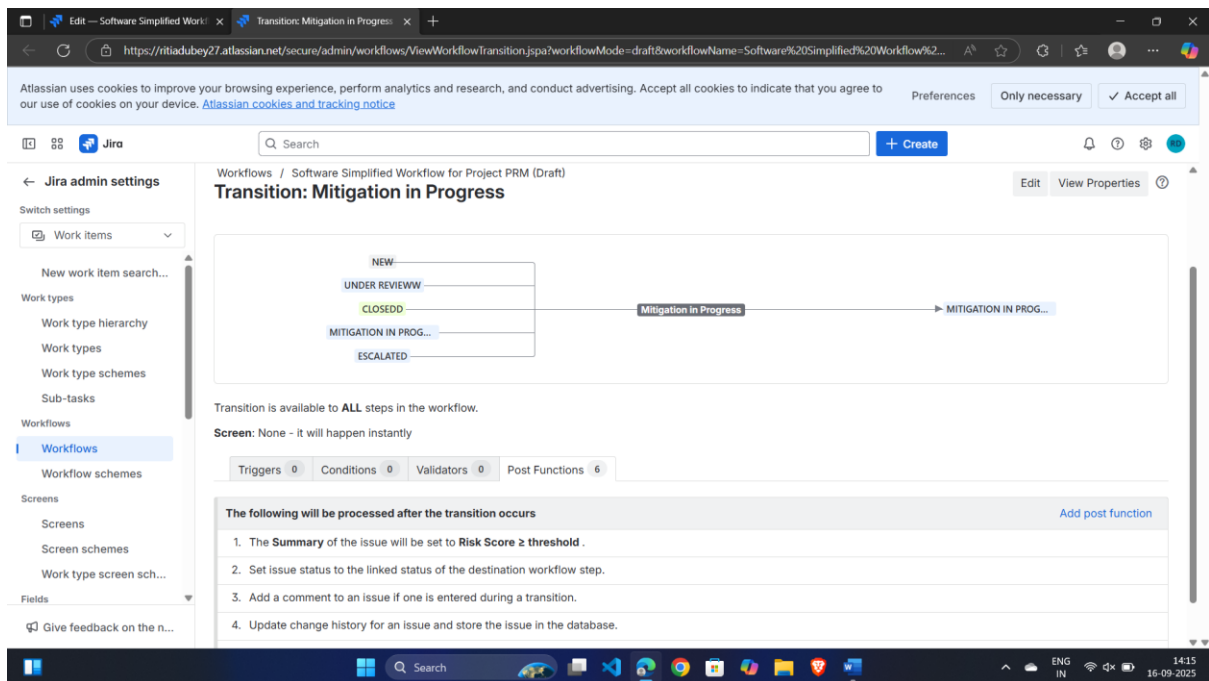
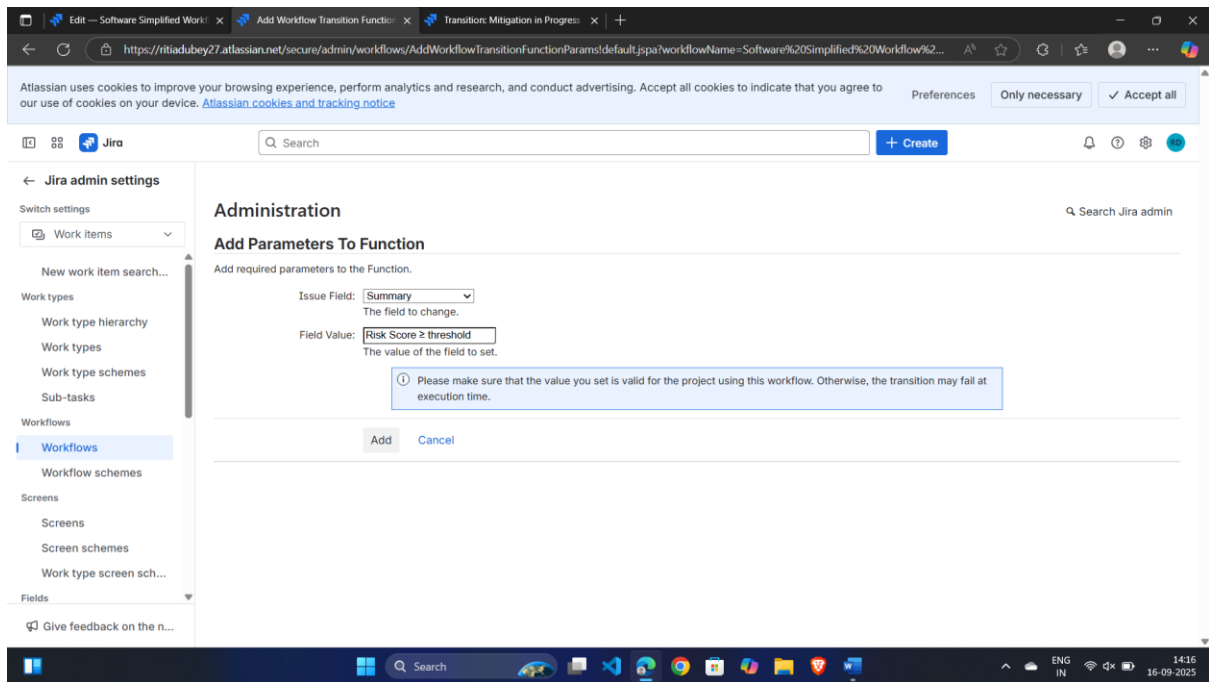
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Last edited by you,

NEW UNDER REVIEW MITIGATION IN PROGRESS ESCALATED CLOSED



Task 4: Reporting & Dashboard

Summary - Project Risk Management | Transition: Mitigation in Progress | +

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0 completed in the last 7 days

8 updated in the last 7 days

8 created in the last 7 days

0 due soon in the next 7 days

Status overview

Get a snapshot of the status of your work items. [View all work items](#)

8 Total work item...

New: 8

Recent activity

Stay up to date with what's happening across the project.

Yesterday

Riti Dubey updated field "Owner" on PRM-8: Key Developer Leaving Mid-Project NEW about 22 hours ago

Riti Dubey updated field "Mitigation Strategy" on PRM-8: Key Developer Leaving Mid-Project NEW about 22 hours ago

Riti Dubey updated field "Risk Score" on PRM-8: Key Developer Leaving Mid-Project NEW

Priority breakdown

Get a holistic view of how work is being prioritized. [See what your team's been focusing on](#)

Types of work

Get a breakdown of work items by their types. [View all items](#)

Quickstart

Summary - Project Risk Management | Transition: Mitigation in Progress | +

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Priority breakdown

Get a holistic view of how work is being prioritized. [See what your team's been focusing on](#)

Types of work

Get a breakdown of work items by their types. [View all items](#)

Team workload

Monitor the capacity of your team. [Reassign work items to get the right balance](#)

Assignee

Work distribution

Unassigned 100%

Quickstart