Summary

This document presents a comprehensive risk assessment for our GSM web application development project. Given the extremely tight timeline (approximately two weeks) and comprehensive scope, this project faces significant risks that require active management throughout the development lifecycle.

The assessment follows a phased approach, tracking risks from initial identification through development to final delivery. Each risk is evaluated based on its Likelihood (L) and Impact (I) on project objectives (Scope, Schedule, Quality, Budget), resulting in a Risk Score (L × I). Risks are categorized as High, Medium, or Low priority.

Three key risk snapshots are provided:

1. Initial Risk Assessment (Project Kick-off)
2. Mid-Development Risk Assessment (Week 1 Complete)
3. Final Risk Assessment (Pre-Delivery)
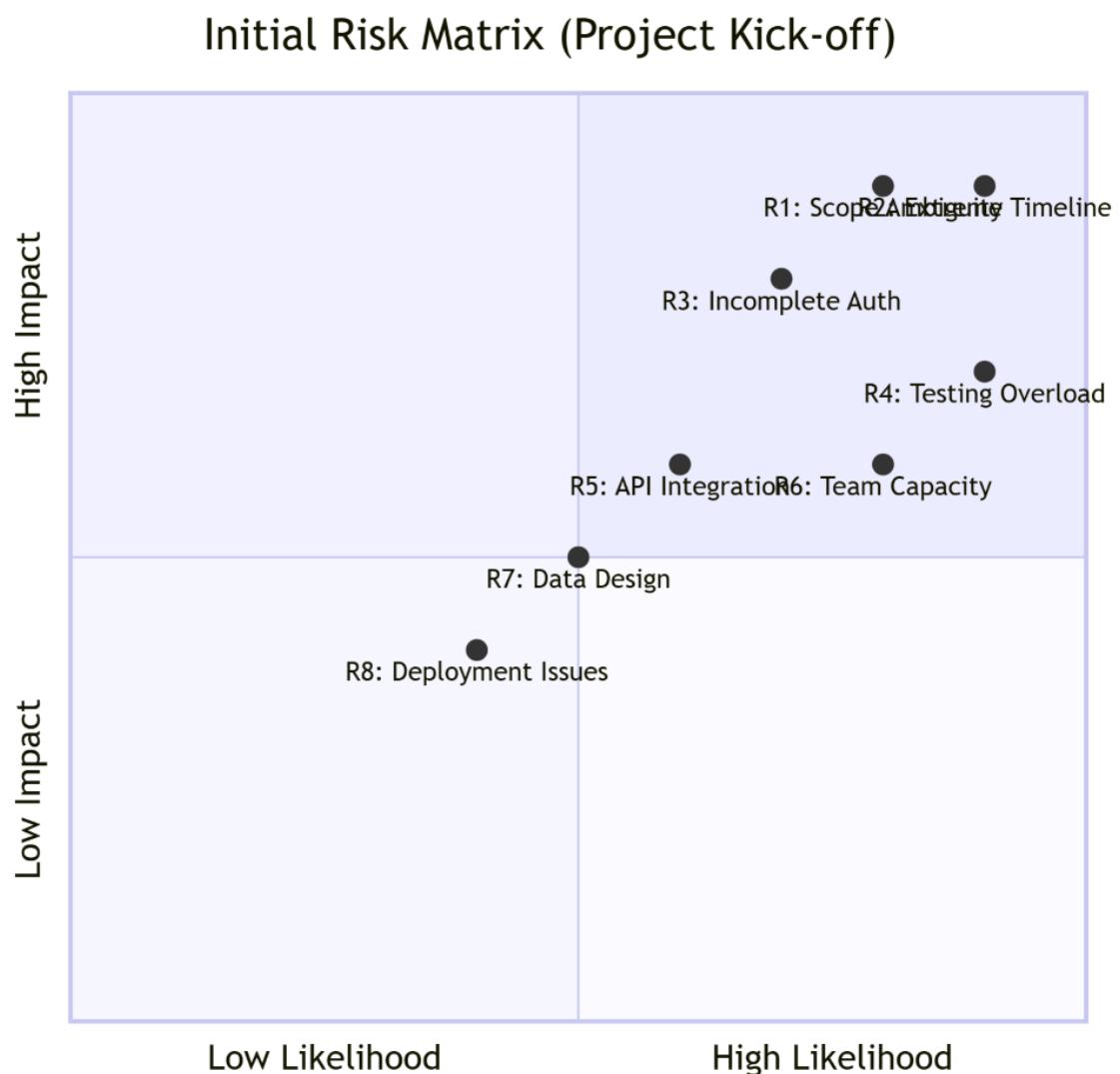
This assessment includes corresponding Risk Matrices for each phase and detailed risk tables with proposed mitigation strategies.

Risk Matrices by Project Phase
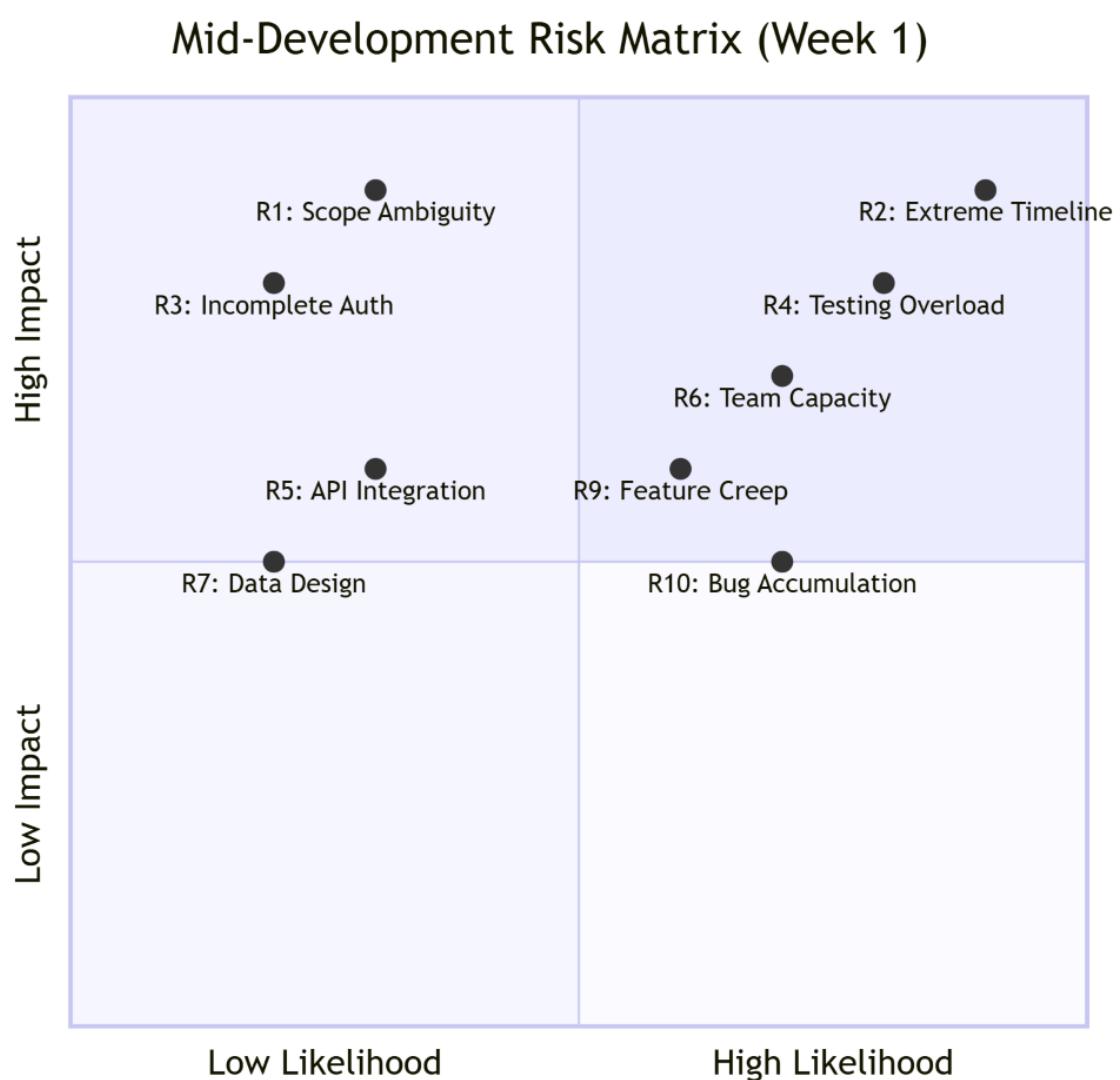
Risk Priority Legend:

- Red (High): Score 15-25 | Immediate action required
- Yellow (Medium): Score 5-12 | Monitor and plan mitigation
- Green (Low): Score 1-4 | Accept and monitor

Initial Risk Matrix (Project Kick-off)

High Impact

Low Impact

R1: Scope Ambiguity   R2: Fixed Timeline

R3: Incomplete Auth

R4: Testing Overload

R5: API Integration   R6: Team Capacity

R7: Data Design

R8: Deployment Issues

Low Likelihood   High Likelihood

2.2 Mid-Development Risk Matrix (Week 1 Complete)

Mid-Development Risk Matrix (Week 1)

	Low Likelihood	High Likelihood
High Impact	R1: Scope Ambiguity	R2: Extreme Timeline
	R3: Incomplete Auth	R4: Testing Overload
		R6: Team Capacity
	R5: API Integration	R9: Feature Creep
	R7: Data Design	R10: Bug Accumulation
Low Impact		

2.3 Final Risk Matrix (Pre-Delivery)

Final Risk Matrix (Pre-Delivery)

R2: Extreme Timeline

R4: Testing Overload

R11: Last-minute Issues   R6: Team Capacity

R10: Bug Accumulation

R12: Documentation Rush

High Impact

Low Impact

Low Likelihood

High Likelihood