Risk	Likelihood	Effect	Mitigation Plan
Database Connection Failure	Medium	Web app cannot access or update data so becomes practically unusable.	Monitor database regularly and perform checks frequently.
Security Breach	High	Unauthorized access to sensitive data	Encrypt sensitive data, give certain access to different role, and regularly release security updates.
Server Overload	Medium	High traffic causes the system to crash.	Scale server resources dynamically.
Data Loss	Low	Critical data is lost or corrupted.	Perform regular database backups.
User Error	Low	Incorrect data entry.	Use validation checks and clearly specify what data should be input.