Risk Table

Risk	Category	Probability	Impact	RRM
Size estimate may be significantly Low	PS	60%	2	
Larger number of users than planned	PS	30%	3	
Less reuse than planned	PS	70%	2	
Delivery deadline will be tightened	BU	50%	2	
Funding will be lost	CU	40	1	
Customer will change requirements	PS	80%	2	
Technology Will not meet expectations	TE	30%	1	
Lack Of training on tools	DE	80%	3	
Staff inexperienced	ST	30%	2	
Staff turnover will be high	ST	60%	2	
Delayed development of core features like ticket validation or live tracking	PS	40%	2	
Inaccurate real-time updates due to GPS or network issues.	BU	50%	2	
Incorrect or incomplete financial reporting.	BU	30%	1	
Employees misuse their access to passenger information.	BU	30%	2	
Lack of training for employees to operate the system effectively.	PS	40%	3	

Impact Values:
1. Catastrophic
2. Critical
3. Marginal
4. Negligible

Risk Reduction Techniques

Risks	Risk reduction techniques
Size estimate may be significantly low	Adjust project scope or budget as needed; communicate change
Larger number of users than planned	Monitor user base closely; allocate additional resources if necessary
Less reuse than planned	Encourage modular design and code reuse; review during design phases
Delivery deadline will be tightened	Break project into smaller milestones to manage timelines effectively
Funding will be lost	Secure alternative funding sources or adjust project priorities
Customer will change requirements	Establish clear communication channels; document all changes
Technology will not meet expectations	Conduct proof of concept and prototype before full implementation
Lack of training on tools	Provide comprehensive training and support to all staff
Staff inexperienced	Provide mentoring and on-the-job training
Staff turnover will be high	Improve retention programs, ensure knowledge transfer documentation
Delayed development of core features like ticket validation or live tracking	Allocate buffer time in the schedule, prioritize critical features, and perform frequent progress reviews.

Inaccurate real-time updates due to GPS or network issues.	Implement redundancy by integrating multiple data sources or notifying users when updates are delayed.
Incorrect or incomplete financial reporting.	Perform thorough testing of financial reporting modules and integrate automated audits.
Employees misuse their access to passenger information.	Implement strict access control and audit logs to monitor employee actions.
Lack of training for employees to operate the system effectively.	Provide comprehensive training sessions and create detailed user manuals for employees.