

## Gulnara Azizova – Risk Registry

No.	Rank	Risk	Description	Category	Root Cause	Triggers	Potential Responses	Risk Owner	Probability	Impact	Status
R1	14	Unexpected System Interruptions	Due to overloading, the failure to book tickets occurs	Technology Risk	Server capacity is limited	High user traffic during peak times	Mitigate	IT Operations Managers	Medium	High	Open
R2	9	Falsification of Personal Data	Unauthorized use of personal information about passengers within the system	Technology Risk	Problems with data integrity	Poor authentication procedures for data validation	Avoid	IT Helpdesk	Low	High	In Progress
R3	14	System Inaccessibility	Access to the application system is denied due to a slow network or processing	Technology Risk	Weak network infrastructure	Network congestion and slow network processing	Mitigate	Network Administrator/Nariman Aliyev	Medium	High	In Progress
R4	15	Project Charter Sign-Off Delay	Getting the project charter sign-off takes longer than expected.	People risk	Insufficient participation of stakeholders	The lack of involvement of stakeholders and their undefined specifications	Transfer	Project Manager/Jamaladdin Hasanov	Medium	Very High	Closed
R5	8	Problems with User Authentication	Passengers can face challenges in the user sign-up and login processes	Technology Risk	Lack of authentication methods	An increase in the number of login and registration attempts	Mitigate	Application Developers	Low	Medium	Open
R6	14	Provider Failure in Real-time scheduling	Problems or breakdowns with real-time scheduling services for train routes and scheduling	Technology Risk	Poor system maintenance and the lack of redundancy among	Data inconsistencies and technical problems with schedule providers	Mitigate	Train Operations Specialists	Medium	High	Open

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R7	19	Challenges with Payment Mechanisms	Difficulties implementing payment methods	Technology Risk	Lack of integrating various payment methods into the system	Problems with payment processing, API integration, and financial system disruptions	Mitigate	Finance Manager	High	High	Open
R8	14	Notification System Configuration Issues	Problems with notification system's configuration	Technology Risk	Unable to set up the alert system	Delivery irregularities, system outages, user comments, and software upgrades	Mitigate	IT Operations Managers	Medium	High	Open
R9	14	Gap in Privacy Compliance	Failure to adhere to privacy regulations	Compliance Risk	Absence of rules and guidelines	Modifications to confidentiality regulations and insufficient privacy safeguards	Avoid	Legal Advisors	Medium	High	In Progress
R10	14	Offline Access Mode Dispute	Enabling offline access mode has technical issues	People risk	Absence of specific rules for offline access mode	Problems with data synchronization and the lack of offline mode	Mitigate	Application Developers	Medium	High	Open

R11	18	Delivery Delays from Vendors	Items that have been purchased from vendors are not arriving on time	People risk	Logistic problems, production hold-ups, or other difficulties relating to vendors	Notifications of late deliveries and unavailable items	Transfer	Procurement Manager	High	Medium	Open
R12	15	Mobile App Development Difficulties	Challenges in Developing Mobile Apps for both Android and iOS Users	Technology Risk	Technical Issues, resource limitations, or complicated feature requirements	Technical problems pertaining to the front-end and back-end programming of both platforms	Mitigate	Application Developers	Medium	Very High	In Progress
R13	14	Phase Breaks in Testing	Latencies in unit, user acceptance, and integration testings	Structure/process Risk	Limitations on Resources	Unexpected problems during the testing phases and insufficient testing resources	Mitigate	QA Tester	Medium	High	Open
R14	14	Deployment Concerns	Problems with uploading both apps to Google Play and Apple Pay corresponding as well as deployment issues	Structure/process Risk	Lacking thorough testing and planning for deployment	Deployment failures and app store requirements	Mitigate	IT Operations Managers	Medium	High	Open
R15	10	Accessing Buffers	Not having enough backup for unexpected issues	Structure/process Risk	Invalid estimation of the buffer	Unexpected difficulties and delays during crucial periods	Mitigate	Project Manager/Jamaladdin Hasanov	Low	Very High	Open

Probability/Impact Matrix

		Impact				
		Very Low	Low	Medium	High	Very High
Probability	Very Low	1	2	3	4	5
	Low	6	7	8	9	10
	Medium	11	12	13	14	15
	High	16	17	18	19	20
	Very High	21	22	23	24	25