Travel Management System - RISK ANALYSIS Charul Patidar - 16JE002265

POTENTIAL RISKS

S. No.	RISK DESCRIPTION	RISK TYPE
1	Lack of top management commitment to the project	ORG
2	Misunderstanding of the requirements	R
3	Not managing change properly	P&C
4	Failure to gain user commitment	U
5	Lack of effective project management skill	P&C
6	Lack of adequate user involvement	U
7	Failure to manage end-user expectations	U
8	Lack of effective project management methodology	P&C
9	Unclear / misunderstood scope/ objectives	P&C
10	Changing scope / objectives	P&C

S. No.	RISK	DESCRIPTION	SOLUTION	CHECKLIST
1	Inherent Schedule Flaws	Software development, given the intangible nature and uniqueness of software, is inherently difficult to estimate and schedule.	Get the team more involved in planning and estimating. Get early feedback and address slips directly with stakeholders.	-PASS-
CONTROL MEASURE		anning and estimating through activities such as XP's plannir the team quickly emerges and is visible to all stakeholders kly revealed, giving feedback to the stakeholders.		ect.
2	Requirements Inflation	As the project progresses more and more features that were not identified at the beginning of the project emerge that threaten estimates and timelines.	Constant involvement of customers and developers.	-PASS-
CONTROL MEASURE	Changes and requirements inflation are accepted suppression mechanisms, prioritisation sessions are envisioned features to be superseded if the businessions are consistent of the superseded of the superseded in the supersed in the superseded in the supersed in the superse	ions about features and estimates at every iteration boundar as a fact of software projects. Rather than utilising change- re scheduled that allow worthwhile changes to proceed and ess gives their authorisation. It has never been possible to sq e the likely issue and have mechanisms in place to address t	initially ueeze a	
3	Employee Turnover	Key personnel leave the project taking critical information with them that significantly delays or derails the project.	Increased collaboration and information sharing on the team.	-PASS-
CONTROL MEASURE	frequent reporting at daily stand-ups specifically to project of a key member being hit by a bus) is redu to employee turnover is small. Also, often overlook	ues such as pair programming, common code ownership, at o reduce the 'bus-factor'. When this 'bus factor' (the impact uced multiple team members share key information and the ked, is the fact that when working in an engaging, rewarding jile projects, people are far less likely to want to move elsew	to the risk due	luced.
4	Specification Breakdown	When coding and integration begin it becomes apparent that the specification is incomplete or containsconflicting requirements.	Use a dedicated Product Manager to make critical trade off decisions.	-PASS-
CONTROL MEASURE	manager role. The idea is that someone (or some of decisions on the project. Traditional projects suffer	or user, subject matter expert, or customer proxy to play the group) need to be readily available to answer questions and specification breakdown when no one will own the role and ile projects have some form of product owner role central to ade in a timely fashion.	make d	
5	Poor Productivity	Given long project timelines, the sense of urgency to work in earnest is often absent resulting to time lost in early project stages that can never be regained.	Short iterations, right people on team, coaching and team development.	-PASS-
CONTROL MEASURE	that: "Work expands to fill the time available" and S deadline is nearly here before starting work." By ha	Student Syndrome apply to software projects. Parkinson's L Student Syndrome: "Given a deadline, people tend to wait un aving short iterations, work is time-boxed into a manageable f urgency. Agile methods do not specifically address getting	itl the iteration	