

Risk Matrix for PPDM System Project

Risk ID	Risk Item Description	Risk Statement Condition	Risk Statement Consequence	Probability	Impact	Earliest the Risk Could Occur	Latest the Risk Could Occur	Mitigation Plan	Contingency Plan
R-1	Insufficient hardware resources or server capacity to handle encryption and portal operations.	If the required server or infrastructure resources are inadequate.	The system could experience performance degradation or failure, leading to project delays.	Low	High	During system testing phase	System deployment	Monitor resource usage during development.	Upgrade server capacity in phases to meet performance demands.
R-2	Uncontrolled addition of features to the system.	If stakeholders continually request new features outside the defined project scope.	Development timelines and budgets will overrun.	High	High	During the design phase	Before deployment	Define a clear project scope and agree on it with stakeholders.	Prioritize essential features and schedule additional features for future system updates.
R-3	Delays in completing development milestones due to unforeseen technical issues.	If system modules take longer to implement and debug than expected.	The project will miss the planned delivery date.	Medium	Medium	During the development phase	Before project completion	Set realistic milestones	Extend deadlines slightly