

Assumptions & Constraints Log

Lone Star Pawn Shop Inventory System

Start: February 9, 2018

Projected End: September 7, 2018

Assumptions

Assumption #	Description	Reason for Assumption	Impact if Incorrect	Comments
[A-1]	The Project will be completed within 7 months	Vendor is contractually obligated	Impact on the schedule, and vendor will incur penalties for the delay	
[A-2]	All the data required from various locations will be made available readily by the client	Data is needed to create a real time warehouse application	Impact on the quality of the system	
[A-3]	System maintenance will not be taken care by the vendor	Scope of the contract is limited to system development only	Project cost will increase	
[A-4]	Will have to migrate from Windows 2000 and XP to deliver real-time inventory data, automation, and auction functionalities	Microsoft stopped providing security updates and support in 2010	System will be vulnerable to attacks and functionalities will have to be ignored due to incompatibility	
[A-5]	Project is fully supported by project sponsor	Ms. Dorothy Deal wants to expand revenue and market share with this project	Major functionalities will not be funded. Project may be cut short. Integration compromises won't be made	
[A-6]	Customers will find the technology difficult to use	New features confuse customers, especially since the system is very old	Customers will easily adapt to the new functionalities	

Constraints

Constraint #	Description	Reason for Constraint	Impact if Incorrect	Comments
[C-1]	Upfront analysis of data from 10 locations will be required for real time warehouse design	Schedule and budget constraint	Over-schedule and over-budget	
[C-2]	Integration will be impacted due to distributed development	Schedule constraint	Integration will not be impacted	
[C-3]	The project must be completed in 7 months	Schedule constraint	Over-schedule	
[C-4]	Desired functionalities exceeds budget	Budget constraint	Within-budget	
[C-5]	Scope outweighs resources	Scope constraint	Only select functionalities will be implemented	
[C-6]	Team has not worked together before	Resource constraint	Harmonious team dynamic	

References : <http://asq.org/learn-about-quality/iso-9000/overview/overview.html>
https://www2a.cdc.gov/cdcup/library/templates/CDC_UP_Quality_Management_Plan_Template.doc