























University of Toror	nto			Departme	ent of Computer	Scien
and the second se	Net	Pres	ent Vo	alue		
→ Measures th	ne total	value o	f the ir	ivestme	nt	
Solution Set Nev = Curr					osts	
Cash Flow	Year 0	Year 1	Year 2	Year 3	Year 4	
Dev. Costs	(\$100,000)					
Oper.Costs		(\$4,000)	(\$4,500)	(\$5,000)	(\$5,500)	
Present Value	1	0.893	0.797	0.712	0.636	
Time-adj Costs	(\$100,000)					
Cumulative Costs	(\$100,000)	(\$103,572)	(\$107,159)	(\$110,719)	(\$114,135)	
Benefits	0	\$25.000	\$30.000	\$35.000	\$50,000	
T-adi Benefits	0	\$22,325	\$23,910	\$24,920		
Cumulative Benefits	0	\$22,325	\$46,235	\$71,155	\$102,955	
Net Costs+Benefits	(\$100,000)	(\$81,243)	(\$60,924)	(\$39,564)	(\$11,580)	
♦ Assuming subs > the net property > after 5 ye > after 6 ye	esent value o ars, \$13,652	f this investi ?		project will b	e:	











Feasibility S	tudy Contents
Purpose & scope of <i>the study</i> © Objectives (of the study)	5. Possible alternatives
 who commissioned it & who did it, sources of information, process used for the study, 	 Criteria for comparison definition of the criteria
🗞 how long did it take,	7. Analysis of alternatives
 Description of present situation organizational setting, current system(s). Related factors and constraints. 	 description of each alternative evaluation with respect to criteria cost/benefit analysis and special implications.
 Problems and requirements What's wrong with the present situation? What changes are needed? 	 Recommendations what is recommended and implications what to do next; > E.g. may recommend an interim solution and a permanent solution
Objectives of the new system. © Goals and relationships between them	 Appendices to include any supporting material.

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University of	University of Toronto Department of Computer Sci						
	Exan	nple matrix					
	Candidate 1 Name	Candidate 2 Name	Candidate 3 Name				
Description							
Operational							
Feasibility							
Technical							
Feasibility							
Schedule							
Feasibility							
Economic							
Feasibility							
Ranking							
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Feasibility Criteria Wt. Candidate 1			Candidate 2 Candidate 3 Candida		
Feasibility Criteria Operational Feasibility	Wt. 30%	Only supports Member	Fully supports user	Same as candidate 2	Candid
Functionality. Describes to what degree the alternative would benefit the organization and how well the system would work. Political. A description of how well received this solution would be from both	2070	Services requirements and current business processes would have to be modified to take advantage of software functionality	required functionality.		
user management, user, and					
organization perspective.	30%	Score: 60	Score: 100	Score: 100	
Technology. An assessment of the maturity, availability (or differentiatity, availability) (or desirability) of the computer technology needed to support this candidate. Expertise. An assessment to the technical expertise needed to the technical experiments of the technical to the technical experiments of the technical experiments to the technical experiments of the technical experiments of the technical experiments to the technical experiments of technical experiments of the technical experiments of technical		Current production release of Platinum Plus package is version U. and has only been weeks. Maturity of product is a risk and company charges an additional monthly fee for technical support. Required to hire or train C++ expertise to perform modifications for integration requirements.	Although current technical stift has only Powerbuilder experience, the sentence sentence, the sentence MS Visual Basic demonstration and presentation, has agreed the transition will be simple and finding experiment finding experiment the ensite that finding programmers and at a much cheaper cost. MS Visual Basic 5.0 MS visual Basic 5.0 a s matture technology based on version number.	Although current technical staff is comfortable with Powerbuilder acquisition of Powerbuilder by Sybase Inc. MS SQL Server is a current company and the staff of the NS VBASE in the current company market. Because of this we have no guarantee future visions of visions of vision sof will "play well" with our current version SQL Server.	
		Score: 50	Score: 95	Score: 60	

Feasibility Criteria	Wt.	Candidate 1	Candidate 2	Candidate 3	Candida
Operational Feasibility	30%	Score: 60	Score: 100	Score: 100	
Technical Feasibility	30%	Score: 50	Score: 95	Score: 100	
Economic Feasibility	30%				
Cost to develop:		Approximately \$350,000.	Approximately \$418,040.	Approximately \$400,000.	
Payback period (discounted):		Approximately 4.5 years.	Approximately 3.5 years.	Approximately 3.3 years.	
Net present value:		Approximately \$210,000.	Approximately \$306,748.	Approximately \$325,500.	
Detailed calculations:		See Attachment A.	See Attachment A.	See Attachment A.	
		Score: 60	Score: 85	Score: 90	
Schedule Feasibility	10%	Less than 3 months.	9-12 months	9 months	
An assessment of how long the solution will take					
to design and implement.		Score: 95	Score: 80	Score: 85	
Ranking	100%	60.5	92	83.5	