Feasibility Analysis:

- **Technical Feasibility:** Most of the users and analysts have a good understanding of the underlying business process in the functional areas. The users of the system are familiar with the technology, as most students and teachers are accustomed to using online tools like discussion boards. The project is a rather small, reducing the complexity and risk associated with it. The integration of the new software system with the existing systems should be straight forward. Overall, this project has a low technical risk and is capable of being built.
- **Economic Feasibility:** The cost benefit analysis found that the development of the new system would cost roughly $32,000, with an annual operating cost of $7,800, annual revenues exceeding $32,000, and tangible benefits exceeding $30,000 each year. The analysis also discovered two main intangible benefits, the new system would help to turn Louisville into a tech hub and create more demand for CIS jobs. The return on investment is extremely high at roughly 280%. The project would break even within the first year of operation. Based on the estimates the financial risk is very low and the return on investment is very high. We should build the new mentoring system as it would be a very good investment of organization's resources.

Year	0	1	2	3	4	5	Totals
Benefits							
Reduction in Student Loss (0)		32,473	35,110	37,960	41,043	44,375	
Revenue in donations		1,635,692	1,668,406	1,701,774	1,735,810	1,770,526	
Annual Total Benefit:		1,668,165	1,703,516	1,739,735	1,776,853	1,814,902	
PV of Benefits:		**1,570,038**	**1,508,997**	**1,450,428**	**1,394,234**	**1,340,320**	**$7,264,016**
PV of All Benefits:		**1,570,038**	**3,079,034**	**4,529,463**	**5,923,697**	**7,264,016**	
Sunk Costs							
Project Developers	11,880						
Data Analyst	7,253						
Data Administrator	6,932						
Project Manager	5,786						
Total Sunk Cost:	31,850						
Annual Operational Costs							
AWS Hosting	7,796	7,796	7,796	7,796	7,796	7,796	
Domain Fee	10	10	10	10	10	10	
Total Operational Cost:	7,806	7,806	7,806	7,806	7,806	7,806	
Total Costs:	39,656	7,806	7,806	7,806	7,806	7,806	
PV of Costs:	**37,323**	**7,347**	**7,347**	**7,347**	**7,347**	**7,347**	**$74,057**
PV of all Costs:	**37,323**	**44,670**	**52,016**	**59,363**	**66,710**	**74,057**	
Total Project Benefits Cost:	-39,656	1,660,359	1,695,710	1,731,929	1,769,047	1,807,096	
Annual NPV:	**-37,323**	**1,562,691**	**1,501,650**	**1,443,081**	**1,386,887**	**1,332,973**	**$7,189,959**
Cumulative NPV:	**-37,323**	**1,525,368**	**3,027,018**	**4,470,099**	**5,856,986**	**7,189,959**	
Return on Investment:	**9708.69%**						
Break-even Point:	**between 0-1**						
Intangible Benefits:	1. Helps turn Louisville into a tech hub			2. Creates more demand for CIS Jobs.			

- **Organizational Feasibility:** The project has a champion in the form of Dr Barker, he has initiated a request for the project. He has promoted the project to others in the organization. He has even allocated his class's time to the development of the project and provided us with the resources need to conduct the business analysis. This project has support from senior management. Other teachers

know about the project and are contributing their students and class time to help develop the project. The users of the system have influenced the project by list the business process they want included in the project. They have also provided feedback on every stage of the project. The project is strategically aligned with the business. As a result, this project will likely be adopted by the by the organizations members.