Assignment: Evaluate Alternative Solutions

Name:

Problem Statement: (one paragraph)

* From Module 3 SLP, incorporating any feedback that you received from your professor

Alternative #1

* Describe your first proposed alternative solution in one or two paragraphs.
* Describe how it relates to the constraints and criteria you identified in your problem scoping document in an additional one or two paragraphs.

Alternative #2

* Describe your second proposed alternative solution in one or two paragraphs.
* Describe how it relates to the constraints and criteria you identified in your problem scoping document in an additional one or two paragraphs.

Alternative #3

* Describe your third proposed alternative solution in one or two paragraphs.
* Describe how it relates to the constraints and criteria you identified in your problem scoping document in an additional one or two paragraphs.

Compare the Three Alternatives

* Using Word or Excel tools, create a table to compare the pros and cons of each alternative in relation to the criteria you identified in your problem scoping document, e.g.:

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Criteria** | | |
| **Alternatives** | Criterion A | Criterion B | Criterion C |
| Alternative #1 | Pro:  Con: | Pro:  Con: | Pro:  Con: |
| Alternative #2 | Pro:  Con: | Pro:  Con: | Pro:  Con: |
| Alternative #3 | Pro:  Con: | Pro:  Con: | Pro:  Con: |

Note: *Criterion* is singular, *Criteria* is plural.

Select the Best Alternative

* Based on your comparative analysis of the pros and cons of each alternative in relation to the criteria, identify the best alternative, and explain why you believe it is the best alternative based on your analysis in a paragraph.

Conclusion

* Add a closing paragraph in which you briefly summarize the problem you were trying to solve, what you did, the solution you propose, and why and how it will help to resolve that problem.