Software Development Feasibility Questionnaire

This questionnaire aims to provide a structured approach to evaluating the feasibility of a software development project. A "Yes" answer indicates that the project appears viable and should be considered further. A "No" suggests re-evaluating the project's aspects that are not meeting the criteria.

Project Overview

1. What is the primary objective of the software project?
2. Who are the target users of the software?
3. What problem does the software aim to solve for its users?

Technical Feasibility

4. Does the project have access to the technology needed to develop the software?
5. Is the technical expertise available in-house, or will it require outsourcing?
6. Are there any significant technical risks identified? If yes, list them.

Market Viability

7. Is there a demand for this software in the market?
8. Who are the competitors, and how does this software differ?
9. Have potential users been consulted or involved in the planning phase?

Strategic Alignment

10. Does this project align with the organization's strategic goals? (Yes/No)
11. How does this software project fit within the current product/service portfolio?

Financial Implications

Use the calculator located at https://www.intertech.com/manual-task-and-workflow-calculator/ to fill out the following:

12. **Yearly Total Cost of Manual Tasks** related to software that can be automated: (Input the calculated value_____)

13. **Project Estimate** to automate or update the software:

    (Input the calculated value_____)

14. **ROI in Months**: Use calculator to find return-on-investment period in months:

    (Input the calculated value_____)

Risk Management

15. Have potential risks been identified and mitigation strategies developed?
16. Is there a contingency plan in case the project does not proceed as expected?

Decision Criteria

- To consider the project feasible, all responses to technical feasibility and strategic alignment should be "Yes".
- The market viability section should demonstrate a clear demand and understanding of the competition.
- Financially, the ROI in months should justify the investment when compared to the cost savings or efficiency gains from automating manual tasks.

Final Decision

- Based on the information provided and the criteria outlined, do you believe this software project should be considered? (Yes/No)