College of Computing Studies, Information and Communication
Technology

FEASIBILITY STUDY TEMPLATE
(WEB APPLICATION DEVELOPMENT)

Executive Summary

- Provide a brief overview of the proposed web application project.
- Summarize the objectives, scope, and key findings of the feasibility study. -
Highlight the main recommendations and conclusions.

Introduction

- Introduce the purpose of the feasibility study.
- Provide background information on the problem or opportunity the web application aims to
    address.
- Define the goals and objectives of the feasibility study.

Project Description

- Describe the proposed web application project in detail.
- Outline the features, functionalities, and target audience of the web application. -
Specify any unique requirements or constraints that may impact the project.
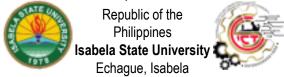
Technical Feasibility

- Assess the technical feasibility of the web application project.
- Evaluate the availability of required technologies, tools, and resources.
- Consider factors such as scalability, performance, security, and compatibility with existing
    systems.

Market Analysis

- Conduct a market analysis to assess the demand for the web application. -
Identify potential competitors and analyze their offerings.
- Determine the target market size, demographics, and trends.

Financial Feasibility

- Estimate the costs associated with developing and maintaining the web application. - Calculate the projected revenue or cost savings generated by the web application. - Perform a cost-benefit analysis to determine the return on investment (ROI) of the project.

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Legal and Regulatory Feasibility

- Identify any legal or regulatory requirements that may affect the development and deployment of the web application.
- Assess the risks and implications of compliance with data protection laws, industry regulations, and intellectual property rights.

Operational Feasibility

- Evaluate the operational feasibility of implementing and maintaining the web application. - Consider factors such as staffing requirements, training needs, and organizational readiness. - Assess the impact of the web application on existing business processes and workflows.

Risk Analysis

- Identify potential risks and uncertainties associated with the web application project. - Assess the likelihood and impact of each risk on project success.
- Develop risk mitigation strategies to minimize or mitigate the effects of identified risks.

Conclusion

- Summarize the key findings and conclusions of the feasibility study.
- Provide a recommendation on whether to proceed with the web application project based on the feasibility analysis.
- Highlight any areas of uncertainty or further investigation needed.

Appendices

- Include any additional supporting documentation, data, or references used in the feasibility study.