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success of Green Labs IT Solutions in the identified sector24Research theme supports business requirements in the Identified sector25Project26Executive Summary of project26Project scope:26Objective27Benefits of Organization27Work Breakdown Structure27Grant chart29Resource Plan30Budget Plan /Cost31Risk Management Plan33Communication Plan36Project Recommendations39Recommendations for Technical Audiences:39Recommendations for Non-Technical Audiences:39Presenting Arguments for Planning Decisions39Accuracy and Reliability of the different research methods40Assessment of project recommendations' effectiveness in meeting organizational needs40Effective recommendations, aligned with organization's needs, reliable research41References43 Figure 1: Presentation Slide 115Figure 2: Presentation Slide 215Figure 3: Presentation Slide 316Figure 4: Presentation Slide 416Figure 5: Presentation Slide 517Figure 6: Work Breakdown Structure28Figure 7: Grant chart for project part 129Figure 8: Grant chart for project part 230 Executive Summary of Research The research project, conducted by a research intern at Green Labs IT Solutions, focuses on assessing the environmental impact of digital endpoint devices and exploring ways to reduce their damage. The detailed feasibility study highlights the urgent need to address the environmental consequences of digital technologies. 1 2 Theproposed solution is to create an interactive website, 1 2 "GoingGreen in ICT," 1 2 where users can calculate their digital carbon footprint and access information on sustainable practices. Theresearch findings lay the groundwork for the subsequent development of the website, which aims to empower individuals and businesses to adopt eco-friendly approaches to technology usage Research Title: The impact of digital endpoint devices and ways to reduce environmental damage Introduction In today's digital age, the widespread use of digital endpoint devices such as smartphones, tablets, laptops and computers brings many benefits to our lives.

However, these devices also have important environmental consequences during their lifetime. From resource extraction to manufacturing, use and disposal, digital devices contribute to carbon dioxide, waste generation and resource scarcity. Rapid accumulation of electronic waste further exacerbates these environmental challenges. 1 2 Thisresearch project aims to explore strategies to mitigate the environmental impact of digital endpoint devices. Researchinto eco-design principles, responsible procurement, energy-efficient manufacturing, recycling initiatives and the promotion of a circular economy can contribute to more sustainable practices in the digital technology industry. Furthermore, this research examines the role of consumer behavior in reducing environmental damage and focuses on raising user awareness of the environmental consequences of device choices, expanding the life cycle of devices through repairs and repairs, and encouraging responsible disposal and recycling practices. Through this research, we seek to provide valuable insights and propose effective strategies to reduce the environmental impact of digital end-point devices and to establishing the foundation the way for more environmentally conscious approaches to digital technology use (Brown, et al., 2004). 1 2 AimTo assess the impact of digital endpoint devices on the environment and explore effective strategies to reduce environmental damage. ObjectivesRead journal articles and news sources to gain insights, into the effects of endpoint devices and carefully assess their strengths and limitations. Conduct surveys among users of endpoint devices to examine patterns of energy consumption. Interview sustainable technology experts to collect information and formulate recommendations aimed at minimizing the impact of endpoint devices. Prepare a report. Deliver a presentation to stakeholders sharing research findings and suggesting sustainable practices, for digital endpoint devices. Secondary Research During the secondary research phase, a

comprehensive literature review was conducted, encompassing various reputable sources such as textbooks, journal articles, and relevant publications. The primary objective was to gain valuable insights into the environmental consequences of digital devices throughout their lifecycle. This literature review delved into existing research on eco-design principles, responsible procurement, energy-efficient manufacturing, recycling initiatives, and the promotion of a circular economy in the digital technology industry. Additionally, the examination of case studies and reports related to successful recycling programs and sustainable practices in the domain of digital devices provided further valuable background information. By combining the findings from these secondary sources, the research project laid a strong foundation for the subsequent primary research phase and aided in the development of survey and interview questions. The insights gained from the literature review helped in refining the research objectives, shaping the direction of the study, and providing context for analyzing primary data. The integration of secondary research with primary research methods ensures a comprehensive and informed approach to assessing the environmental impact of digital endpoint devices and formulating effective strategies for reducing their environmental damage (Chong, 2023). Literature Review Baxter and his colleagues (2016) carried out a research on the proper collection and disposal of electrical and electronic equipment waste (WEEE). The study examined the environmental effects and concerns related to managing WEEE. The research emphasizes the significance of adopting suitable methods for collection and disposal in order to lessen environmental damage. Implementing efficient waste management techniques can help decrease pollution, preserve resources, and minimize waste production. In a study conducted by Kang et al. (2013) they investigated the impact of lithium batteries, on

the environment and human health. The research stressed the need to improve how these batteries are handled and disposed of to prevent pollution and potential health risks. By using suitable strategies like battery recycling programs, we can greatly decrease the environmental impact of electronic devices. Landers et al. (2021) discussed the concept of digital endpoints, which are defined as measurably clinical outcomes derived from digital health technologies. Although not directly related to environmental impacts, this article highlights the benefits and barriers associated with the development and adoption of digital endpoints. By utilizing technologies such, as monitoring and data collection we can enhance healthcare practices. Lessen our reliance, on limited resources. This in turn contributes to the advancement of sustainability. In conclusion, the literature demonstrates that digital endpoint devices have a known environmental impact throughout their life cycle Effective waste management practices such as high-quality WEEE collection and disposal, are essential to minimize environmental damage. Additionally, improving the proper handling and disposal of rechargeable batteries can mitigate potential environmental and health risks. Exploring innovative approaches, such as the use of digital endpoints in health care, can directly contribute to environmental sustainability. Book In this secondary research project, we will utilize two key sources: the book "TheImpact of the Internet" by Tim Cooke and the book "TheGrowth of IT: How Companions Can Make a Difference for the Environment" by John P. Lamb. These sources provide valuable insights into the impact of digital endpoint devices on the environment and offer strategies for reducing environmental damage. By examining each book's perspective, we can gain a comprehensive understanding of the topic and extract relevant findings to support our research. Book: "TheImpact of the Internet" by Tim Cooke (2020) "TheImpact of the Internet" by

Tim Cooke explores the multiple effects and implications of the Internet on society, including its environmental impact. Although the book does not specifically focus on digital endpoint devices, it provides insights into the broader consequences of internet usage. Cook discusses topics such as the energy consumption of data centers, electronic generation, and the environmental footprint of Internet infrastructure. While not directly adding digital endpoint devices, the book indirectly contributes to our understanding of the environmental implications surrounding their use. It highlights the need to consider the energy consumption and electronic waste associated with internet technologies when examining the broader context of digital endpoint devices and their impact on the environment (Cooke, 2020). Book: "TheGathering of IT: How Companies Can Make a Difference for the Environment" by John P. Lamb "TheGreening of IT" by John P. Lamb focuses specifically on the impact of digital endpoint devices on the environment and offers insights into how companies can reduce their ecological footprint. The book emphasizes the role of companions in making positive environmental changes through their IT practices. Lamb discusses concepts such as electronic waste management, energy energy efficiency, and circular economy approaches. By adding these topics, the book provides valuable insights into the environmental impact of digital endpoint devices and offers recommendations for reducing their environmental damage. It emphasizes the importance of responsible disposal and recycling practices for digital devices, energy-efficient energy-efficient design and use, and strategies for integrating sustainable practices into IT operations (Lamb, 2010). Conclusion: "TheImpact of the Internet" by Tim Cook contributes to our understanding of the broader environmental implications of internet usage, indirectly shedding light on the impact of digital endpoint devices. "TheGreening of IT" by John P.

Lamb specifically addresses the environmental impact of digital endpoint devices and provides strategies for reducing their ecological footprint. By considering the perspectives of both books, we can gather valuable information to support our research on the impact of digital endpoint devices and ways to reduce their environmental footprint. Primary Research To generate firsthand knowledge and data, we will conduct primary research using surveys, questionnaires, and interviews. We plan to develop surveys and questionnaires to collect information, from a collective of individuals who utilize devices. Participants will be asked about their energy usage patterns, device behaviors, awareness of eco-friendly certifications, and attitudes towards recycling and sustainable practices. Through quantitative analysis of survey responses, we will identify trends and patterns in user behavior and preferences related to environmental considerations (Glass, n.d.). Questionnaire A questionnaire is a list of questions used to gather statistics from humans for research. We have make a questionnaire, which consists of questions designed to collect records from participants for our studies venture. By answering those questions, people can share their thoughts, feelings, and behaviors related to our particular topic. The questionnaire permits us to understand participants' experience, preferences, and opinions. As researchers, we can use to collect data from the questionnaire to attract meaningful conclusions and make discoveries approximately our studies subject matter. This tool is essential for our research its help us to collect data from many respondents, providing a comprehensive understanding of the topic. By analyzing, the responses will help us become aware of trends and patterns, contributing to the achievement of our research task (Bryman, 2006).

11 SurveySurveys are methods of collecting information from groups of people to understand their attitudes, behaviors and opinions

about the impact of digital endpoint devices and ways to reduce environmental damage. Itcan ask them to give feedback through various medium such as online forms or face-to-face interviews. Surveys play a crucial role in research as they offer valuable insights into individual's opinions. Here are the survey: Most respondents 78% use digital devices like smartphones, laptops, or tablets for several hours each day. A smaller percentage 14% use them for a few hours daily, while some use them occasionally 6% or rarely 2%. When asked about the most significant environmental impact of digital devices, the majority 34.7% pointed to electronic waste generation. Around 32.7% of the participants highlighted the importance of manufacturing emissions whereas 14.3% mentioned energy consumption as a factor. The extraction of valuable resources was also seen as a notable impact, mentioned by 18.4% of participants. A significant portion 38% of respondents said they are conscious of the environmental impact when purchasing digital devices sometimes. A smaller number 22% reported being conscious often, while 36% said they are rarely or never conscious of it. Only 4% claimed to be conscious of it always. When asked about their awareness of eco-friendly certifications or labels for digital devices, the majority 42% said they were aware but did not prioritize them. Some respondents actively seek them out 10%, while others were not aware of any such certifications 30%. A smaller percentage 18% indicated that they do not consider these labels important. According to the survey results it was found that 6% of the participants take steps to minimize the impact caused by their devices. These steps involve utilizing energy saving settings and practicing recycling. A larger portion 30% reported taking such actions occasionally, while 32% said they rarely do, and another 32% admitted to never doing so. The survey findings indicated a

significant proportion of participants expressing receptiveness to purchasing refurbished or second-hand digital devices. Around 28% of the participants indicated an interest, in exploring this possibility while another 26% mentioned that they would likely consider it. Nonetheless, around 28% of participants remained uncertain about this choice, while 18% reported they would likely not contemplate it. When asked about their familiarity with initiatives or programs promoting device recycling, the survey found that 40% of respondents knew about such programs but had not participated yet. A smaller group (6%) actively participated in such programs, while 38% were not familiar with any recycling initiatives. Only 16% expressed the belief that these programs were unnecessary. The survey revealed that a significant portion of respondents 50% were somewhat willing to participate in a device trade-in program where they could exchange their old device for a discount on an environmentally friendly one. However, there there were variations in willingness, with 12% being very willing, 24% not very willing, and 14% not willing at all. The survey found that environmental benefits were the most compelling factor motivating respondents to adopt more sustainable practices with their digital devices 32.7%. Cost savings were also significant, motivating 26.5% of participants. A smaller portion 28.6% mentioned convenience and ease of use as a motivating factor. Availability of eco-friendly alternatives was considered the least motivating factor 12.2%. The survey showed that a considerable number of respondents 44% were somewhat likely to recommend environmentally friendly digital devices to their friends and family. Some were very likely to do so 16%, while an equal percentage 16% were very unlikely to make such recommendations. Additionally, 14% expressed unlikeliness to recommend eco-friendly devices to others. Interview The interview played a

pivotal role in our research, providing valuable insights into the environmental impact of digital endpoint devices and offering potential solutions. Engaging with stakeholders, including consumers, manufacturers, and environmental experts, allowed us to gain personal experience and a comprehensive understanding of the implications of digital devices on the environment. Thoughtfully structured questions covered the life cycle of devices, disposal practices, recycling efforts, and improvement opportunities, ensuring both consistency and flexibility in our approach. Conducting face-to-face interviews within relevant organizations granted us firsthand knowledge of the challenges and opportunities associated with digital devices, while input from environmental experts provided a broader perspective. We respect participants time, conducting effective interviews lasting 10 to 30 minutes, and their willingness to engage, despite the urgency of adding environmental concerns tied to digital devices (Kvale, 1996). Quantitative Research Quantitative research plays a pivotal role in assessing the impact of endpoint devices and exploring their potential for refurbishment and reuse. By utilizing surveys and questionnaires, we gather data that enables us to analyze energy usage patterns, device behaviors, and attitudes towards sustainability. Through closed-ended questions and rating scales, responses are quantified, facilitating the identification of emerging trends. This data-centric approach empowers us to derive valuable insights, establish connections, and offer evidence-based recommendations. The integration of quantitative research into our report and project management plan allows us to deliver concise yet informative findings and insights into user behaviors and preferences among a diverse group of digital device users concerning environmental considerations (Goodwin, 2020). Qualitative Research Qualitative research plays a crucial role in comprehending

the impact of digital endpoint devices and their potential for refurbishment, repair, and reuse. Through engaging conversations with individuals, considering their experiences and viewpoints, and conducting interviews and group discussions, we gain valuable knowledge about the environmental impact of these devices and people's responses to using them more sustainably. By examining various phenomena, we uncover essential factors influencing decision-making and actions. This qualitative approach, including the use of AI to deduce and rephrase text while preserving its essence, enhances our understanding of the subject. During qualitative research, interviews were conducted with diverse stakeholders, including consumers, manufacturers, and environmental experts. These interviews offered invaluable insights into the environmental impact of digital endpoint devices and proposed potential solutions. To gather insights, about the impact of the devices we encouraged participants to freely share their experiences, perspectives and any challenges they have faced. This qualitative research approach provided a deeper understanding of how digital devices affect the environment and how individuals and organizations strive to adopt more environmentally responsible practices. By combining the insights gained from these interviews, we obtain a comprehensive understanding of the implications of digital devices on the environment and the potential pathways towards sustainable usage (Bogdan, 1997). 1 2 ResearchFindings The research aimed to assess the environmental impact of digital endpoint devices and explore strategies for reducing damage. Throughsecondary research, quantitative surveys, and qualitative interviews, valuable insights were gathered. The secondary research highlighted the environmental impact of digital devices throughout their life cycle, emphasizing waste management, responsible procurement, energy-efficient manufacturing, and recycling. Digital health

technologies were recognized for positively impacting sustainability. The primary research phase provided firsthand data on electronic waste generation, manufacturing emissions, and energy consumption. While awareness of environmental impact was lacking among some respondents, there was receptiveness to purchasing refurbished devices, indicating a potential for more sustainable consumption. Interviews with stakeholders provided a deeper understanding of challenges and opportunities related to the devices' environmental impact, offering valuable insights to support conclusions. Conclusion In conclusion, the analysis of findings from secondary and primary research collectively indicates that digital endpoint devices have a significant environmental impact. However, there are opportunities to reduce this impact through various strategies, including improved waste management, responsible manufacturing, and promoting sustainable consumer behavior. Based on the research findings, recommendations are formulated, emphasizing the importance of recycling initiatives, educational campaigns, manufacturer responsibility, incentives for recycling, and public-private partnerships. Moreover, raising awareness among consumers about eco-friendly certifications and promoting a circular economy approach can further contribute to minimizing the environmental damage caused by digital devices. The research has provided valuable insights into the impact of digital endpoint devices on the environment and potential ways to mitigate this impact. The proposed recommendations can serve as a foundation for developing more environmentally conscious approaches to the use of digital technology, supporting sustainability efforts in the digital technology industry. By combining the knowledge gained from secondary and primary research, this project has aimed to contribute to a more sustainable future for digital endpoint devices and their impact on the environment. Recommendations Based

on the research findings and outcomes, the following recommendations are proposed to reduce the environmental impact of digital endpoint devices: Recycling Initiatives Governments and organizations should promote and support electronic waste recycling initiatives, including rechargeable batteries. Applying convenient and accessible recycling programs may prevent e-waste from landfills and allow valuable materials to be recovered. Setting up drop-off points at various locations or organizing periodic e-waste collection events makes it easier for people to responsibly gets rid of their old devices. Educational Campaigns By doing campaigns we can inform the public about the environmental impact of e-waste, the proper methods of disposal, and the benefits of recycling. Its help to raise awareness about the importance of recycling electronic waste. When individuals grasp the importance of recycling they tend to be more inclined to engage in initiatives. Manufacturer Responsibility It is crucial to urge manufacturers to assume responsibility, for the disposal and management of their products at the end of their lifespan. Implement Extended Producer Responsibility (EPR) policies, where manufacturers are responsible for collecting and recycling their old devices. By making manufacturers responsible we ensure that the task of disposing e waste is distributed fairly among all parties involved. Incentives for Recycling Organizations or Government can provide rewards or discounts to individuals who recycle their old devices through authorized channels. By offering incentives, people are motivated to participate in the activities of recycling and reduce e-waste. Public-Private Partnerships Businesses, nonprofit organizations, and the government will help solve the problem of e-waste. They can leverage resources, experiment, and network to create more efficient recycling initiatives. By working collaboratively, we can achieve greater

success in managing waste sustainably. Analyse data and information from primary and secondary sources to generate knowledge In this process, researchers collect data from various sources to gain insights, understand patterns, and draw meaningful conclusions related to the theme under investigation. 16 Primarysources involve the direct collection of data from original and firsthand experiences or observations. Collectingdata often involves utilizing surveys, questionnaires, interviews and experiments as used methods. For example, in a study on the impact of digital endpoint devices on the environment, researchers may conduct surveys among device users to understand their energy consumption patterns, disposal practices, and attitudes towards sustainability. Interviews with sustainable technology experts can provide valuable insights into potential strategies to reduce the environmental damage caused by these devices. However secondary sources refer to information and data that have already been gathered and published by researchers or organizations. This includes literature reviews, journal articles, textbooks, reports, and online databases. 13 Researchersuse secondary sources to gain background knowledge, understand the current state of research on the theme, and identify gaps or areas for further investigation. Forinstance, a comprehensive literature review on eco-design principles, responsible procurement, and recycling initiatives can provide valuable context and inform the development of research objectives. Once data from primary and secondary sources is gathered, researchers engage in systematic analysis. Statistical techniques are commonly employed to analyze data obtained from surveys and questionnaires aiming to uncover patterns, correlations and determine the significance. Qualitative data from interviews or open-ended questions are analyzed for recurring themes and patterns, extracting key insights and perspectives. Through the analysis of both primary and secondary data, researchers generate knowledge on

the identified theme. This knowledge may include the identification of environmental impacts of digital endpoint devices, understanding user behaviors and preferences, and recognizing opportunities for sustainable practices in the digital technology industry. The generated knowledge serves as the foundation for drawing conclusions and formulating evidence-based recommendations. These recommendations may include strategies to reduce electronic waste, promote energy-efficient manufacturing, encourage responsible consumer behavior, and advocate for recycling initiatives. In summary, analyzing data and information from primary and secondary sources is crucial for generating valuable knowledge on a specific theme. By integrating both types of data, researchers can gain a comprehensive understanding of the topic. This enables them to draw meaningful conclusions and propose effective strategies to address the challenges and opportunities related to the theme of interest. Presentation In this presentation, we embark on a captivating exploration of the research process, tailored specifically for an audience with little or no prior knowledge in this domain. We demystify the steps involved in conducting research, from the initial spark of curiosity to the final revelation of outcomes. By using accessible language and engaging examples, we aim to make research approachable and understandable for everyone. Figure 1: Presentation Slide 1 Figure 2: Presentation Slide 2 Figure 3: Presentation Slide 3 Figure 4: Presentation Slide 4 Figure 5: Presentation Slide 5 Logbook Research Logbook - Week 1 Name: Bishal Thapa Project title: Feasibility Study for "GoingGreen in ICT" Website Date: 28/7/2023 - 4/8/2023 Update on weekly research/tasks achieved: Researched and gathered information on the impact of digital endpoint devices on the environment. Conducted a literature review on existing studies and initiatives related to reducing environmental damage caused by ICT.

Examined case studies of other websites or platforms with similar goals to "GoingGreen in ICT." Defined the scope and objectives of the feasibility study. Any risks and/or issues identified? Identified potential challenges in quantifying the exact carbon footprint of digital activities. Recognized the need for collaboration with experts in environmental science and carbon footprint measurement. Identified time constraints that might impact the thoroughness of the study. Problems encountered: Some research sources were not accessible, limiting the depth of information available. Understanding the technical aspects of carbon footprint calculation required additional learning. What have I learnt about myself this week? I found the research process engaging and essential for developing a solid foundation for the feasibility study. The topic of reducing environmental impact through ICT resonates with me, making the tasks more meaningful. I feel that my contributions so far have been comprehensive, but I need to improve my understanding of carbon footprint calculations. Tasks planned for next week: Consult with experts in environmental science to gain insights into carbon footprint measurement. Conduct interviews with potential users to understand their preferences and needs for the website. Begin outlining the feasibility study report. Review the project management plan requirements for the website development. Research Logbook - Week 2 Name: Bishal Thapa Project title: Feasibility Study for "GoingGreen in ICT" Website Date: 4/8/2023 - 11/8/2023 Update on weekly research/tasks achieved: Conducted interviews with potential users to gather feedback and requirements for the website. Collaborated with environmental experts to understand the methodologies for calculating digital carbon footprint. Analyzed data to identify patterns and insights for the feasibility study report. Reviewed and refined the scope and objectives of the study based on new information.

Any risks and/or issues identified? Identified the need for additional resources and budget to implement certain features on the website. Realized that user preferences may vary based on demographics, requiring a flexible design. Problems encountered: Balancing the technical aspects of carbon footprint calculation with user-friendly design proved challenging. Some potential users were not available for interviews, affecting the diversity of feedback. What have I learnt about myself this week? I learned to adapt my research approach based on the availability and cooperation of potential users. Understanding the technical complexities of carbon footprint calculation helped me appreciate the importance of collaboration with experts. Tasks planned for next week: Finalize the feasibility study report. Present the findings to the project development team. Begin assessing the features and business requirements for the website. Collaborate with the team to develop the project management plan for website development. Project Logbook - Week 1 Name: Bishal Thapa Project title: "GoingGreen in ICT" Website Development Date: [11/8/2023 - 18/8/2023] Update on weekly progress/tasks achieved: Conducted a kickoff meeting with the project team to discuss the project's objectives and scope. Defined the key functionalities and features required for the website. Identified the stakeholders and their roles in the development process. Created a rough outline of the project management plan. Any risks and/or issues identified? Identified a potential delay in the project due to pending approval from stakeholders. Recognized the need for additional expertise in user experience (UX) design. Problems encountered: Some team members faced challenges in understanding the technical requirements for the website. Coordinating schedules for the project team meetings was difficult due to conflicting commitments. What have I learnt about myself this week? I realized the

importance of clear communication and documentation to avoid misunderstandings within the team. I found project management aspects intriguing and enjoyed defining the initial scope. Tasks planned for next week: Conduct meetings with stakeholders to gain approval for the project management plan. Hire a UX designer to enhance the user experience of the website. Begin the initial design and development phase of the website. Coordinate with the research team to integrate carbon footprint calculation functionalities. Project Logbook - Week 2 Name: Bishal Thapa Project title: "GoingGreen in ICT" Website Development Date: [18/8/2023 - 25/8/2023] Update on weekly progress/tasks achieved: Secured approval from stakeholders for the project management plan. Hired a UX designer to work on the website's user interface and experience. Initiated the design and development of the website's layout and structure. Collaborated with the research team to integrate the carbon footprint calculation functionalities. Any risks and/or issues identified? The UX designer's availability is limited, which may affect the design timeline. Some technical challenges arose during the integration of carbon footprint calculations. Problems encountered: Coordinating tasks and deliverables between design, development, and research teams required efficient communication. Resolving technical issues in the integration process took more time than anticipated. What have I learnt about myself this week? I realized the importance of adaptability in project management when facing unexpected challenges. Coordinating with different teams deepened my understanding of cross-functional collaboration. Tasks planned for next week: Review the progress of website development with the team. Address any issues identified during the integration process. Monitor the UX designer's progress and offer support as needed. Begin drafting content and information about sustainable ICT for the website. 1 Featuresof

Green Labs IT Solutions: 1 "GoingGreen in ICT" 1 Website: Green Labs IT Solutions offers an interactive website called 1 "GoingGreen in ICT," 1 enabling users to calculate their digital carbon footprint. Theplatform raises awareness about the environmental impact of digital activities and provides valuable information on sustainable ICT practices. Carbon Footprint Calculator: The website features a user-friendly tool where individuals can input data on internet usage, device type, and energy consumption to estimate their environmental impact, fostering responsible technology usage. Sustainable ICT Information: Green Labs IT Solutions educates users about sustainable practices in the digital sector, equipping them with tips to reduce their carbon footprint through responsible technology use. Donations for Environmental Conservation: Users can actively contribute to sustainability by donating funds for environmental conservation and sustainable ICT projects through the website. Operational Areas of Green Labs IT Solutions: Website Development and Maintenance: Green Labs IT Solutions focuses on developing and maintaining the "GoingGreen in ICT" website, providing users with accurate and up-to-date information on sustainable ICT practices. Research and Education: The company conducts ongoing research on sustainable practices in the digital sector, gathering valuable data and analyzing trends to support informed decision-making for a greener future. Collaboration and Partnerships: Green Labs IT Solutions actively seeks collaborations with environmental organizations and ICT experts to amplify its impact and foster a collective effort towards sustainability. Marketing and Awareness: The company invests in marketing efforts to raise awareness about reducing the environmental impact of digital technologies, utilizing social media campaigns and collaborations with influencers to spread its message. Responsible Donation Management: Transparent systems are established to efficiently manage

and allocate funds received through user donations, ensuring they are utilized for environmental conservation projects and sustainable ICT initiatives. Stakeholders Stakeholders play a crucial role in a business's success, as they are individuals or groups with a vested interest in the company's activities and outcomes. Their involvement and influence significantly shape the business's overall performance and reputation. Lets explore the key stakeholders and their impact on the business: Role of Stakeholders: Investors/ Shareholders: Investors and shareholders provide vital financial support to the business. They contribute capital, expect returns on their investments, and influence significant decisions. Their funding allows the business to explore new opportunities and remain competitive. Customers: Customers are central stakeholders as they drive revenue by purchasing products or services. Their feedback and satisfaction directly impact the company's reputation and future sales. Employees: Employees are pivotal in a business's operations and success. Their dedication and skills influence productivity and service quality. Suppliers: Suppliers provide necessary resources for the business's operations. Strong relationships ensure a steady supply, reducing delays and maintaining quality. Government and Regulatory Bodies: Government agencies enforce laws and regulations that impact the business's legal standing and reputation. Impact of Stakeholders on Business: Financial Support (Investors/Shareholders): Stakeholders' financial backing empowers the business to grow and innovate. However, loss of confidence can hinder growth. Customer Loyalty: Satisfied customers become loyal advocates, driving increased sales. Unhappy customers can spread negative reviews, impacting reputation. Employee Productivity: Engaged employees lead to better performance. Disengagement can lower productivity and increase turnover. Supplier Relations: Reliable suppliers ensure smooth operations, while

disputes can disrupt the supply chain. Regulatory Compliance: Meeting regulations builds trust, while non-compliance can lead to fines and reputational damage. In conclusion, stakeholders' impact on a business is multifaceted, ranging from financial support to customer loyalty and regulatory compliance. Effective management of stakeholders ensures long-term growth and sustainability (Missonier, 2020). Analyzing the challenges to the success of Green Labs IT Solutions in the identified sector We find several significant hurdles that the company may encounter. Firstly, the exponential growth of data creation and storage globally can pose a challenge for the company in efficiently managing the increasing hardware and power consumption, which could potentially impact their commitment to environmental sustainability. Secondly, the responsibility of addressing the global climate emergency places a crucial obligation on Green Labs IT Solutions to actively contribute to climate change mitigation through their ICT practices. Balancing growth and innovation while prioritizing eco-friendly solutions demands careful strategizing and resource allocation. Moreover, effective communication and creating awareness about the environmental impact of digital activities are critical. Convincing users to calculate their carbon footprint and adopt sustainable ICT practices requires compelling and accessible messaging. Financial constraints may also arise as a startup, necessitating careful financial planning to invest in eco-friendly technologies and sustainable initiatives. Furthermore, competing with established players in the technology industry could be challenging, emphasizing the need for unique value propositions and highlighting their dedication to sustainability. Additionally, unforeseen changes, such as disruptions from natural disasters or technological challenges, may require rapid adaptation to maintain operations. Building trust and credibility among users and

stakeholders is vital for the success of Green Labs IT Solutions. Demonstrating the efficacy and real impact of their sustainable initiatives will be essential in establishing a positive reputation and gaining support. Overall, the success of Green Labs IT Solutions hinges on effective management of these challenges, with a thoughtful balance between sustainable practices, innovation, and building trust in their mission. 1 2 Researchtheme supports business requirements in the Identified sector The research project focused on the impact of digital endpoint devices and explored ways to reduce environmental damage. Througha detailed feasibility study, it was found that the increasing use of digital technologies and endpoint devices is contributing to a significant environmental impact. The rapid growth in data creation and storage demands additional hardware and power consumption, resulting in an increased carbon footprint for the digital sector. The research highlighted the pressing need for sustainable practices to mitigate environmental damage caused by ICT equipment and services. In the context of Nepal's private sector, the research findings revealed that Green Labs IT Solutions, with its advocacy for sustainable ways to use technology and carbon footprint, aligns perfectly with the identified business requirements. The company's focus on green ICT and its aim to raise awareness about digital carbon footprint through an interactive website addresses the urgent environmental concerns and aligns with the responsibility to tackle climate change. The research theme directly supports the business requirements of promoting sustainability, reducing environmental impact, and fostering a greener future. 3 15 Thepotential of refurbishing, repairing, and reusing digital devices rather than replacing them was also explored in the research. Thefindings demonstrated that adopting a circular economy approach, which encourages the reuse and refurbishment of digital devices, can significantly reduce electronic

waste and conserve natural resources. This approach supports the business requirements of Green Labs IT Solutions, as it aligns with their mission to advocate for sustainable ways to use technology and reduce the overall environmental impact. Overall, the research findings provide valuable knowledge on how the chosen research theme not only supports but perfectly aligns with the business requirements of Green Labs IT Solutions in Nepal's private sector. By incorporating sustainable practices and promoting a circular economy, the company can play a vital role in mitigating the environmental impact of the digital sector and contribute to a greener and fairer future. Project Executive Summary of project Green Labs IT Solutions, a tech startup founded in 2021, is taking on the environmental challenges posed by the rapid growth of digital data. With data expected to reach 175 Zettabytes by 2025, the company recognizes the increasing demand for hardware and power consumption, which will escalate the digital sector's environmental impact. 1 Inresponse, Green Labs IT Solutions is developing an interactive website, 1 "GoingGreen in ICT," 1 to raise awareness about digital carbon footprints. Userscan calculate their impact and access information on sustainable ICT practices, while also contributing to the cause through voluntary donations. The company aims to drive innovation while advocating for a greener and more sustainable future for the digital sector. 1 2 Projectscope: The project aims to create an interactive website, 1 2 "GoingGreen in ICT," 1 2 for Green Labs IT solutions, a startup tech company in Nepal. Thewebsite's main purpose is to promote sustainable technology practices and raise awareness about the environmental impact of the digital sector. Userswill be able to calculate their digital carbon footprint easily and access information on adopting eco-friendly ICT practices. Additionally, the website will offer an option for users to donate funds to support initiatives reducing

the digital sector's environmental impact. The project seeks to encourage positive actions towards a greener and fairer future. Objective Develop an interactive website with a digital carbon footprint calculator to enable users to calculate their environmental impact. Raise awareness about sustainable technology practices and the environmental impact of the digital sector among the target audience. Provide users with informative content and resources on adopting eco-friendly ICT practices to reduce their carbon footprint. Establish a secure donation mechanism on the website to support initiatives aimed at reducing the digital sector's environmental impact. Benefits of Organization The "GoingGreen in ICT" project reduces the environmental impact of the digital sector through the promotion of sustainable technology practices and eco-friendly ICT adoption. 1 2 Itempowers users by providing an interactive website to calculate their digital carbon footprint and access information on adopting greener ICT practices. Theproject enhances Green Labs IT Solutions' brand image as a socially responsible and environmentally conscious tech company. It cultivates a sustainability culture among users, encouraging positive actions towards a greener and more environmentally conscious future. The project supports environmental initiatives through user donations, allowing individuals to contribute directly to reducing the digital sector's environmental impact. 8 10 WorkBreakdown Structure Work breakdown structure (WBS) is a hierarchical representation of a project's tasks, activities, and deliverables, breaking it down into manageable components for effective planning and execution. Inthe project "GoingGreen in ICT," we will begin by setting clear project goals and forming a team of skilled experts. We will then conduct extensive research on data creation's environmental impact and explore eco-friendly technology practices while considering ICT equipment's energy usage. Subsequently, we will develop a

user-friendly website featuring essential components like a carbon footprint calculator, a secure donation option, and informative content on sustainable ICT practices. To ensure a successful launch, we will thoroughly test the website for functionality and deploy it on a reliable hosting platform. Throughout the project, our focus will also be on providing user support to assist visitors and closely monitoring website usage and engagement. This approach will enable us to drive positive environmental impact by encouraging users to adopt greener practices in the digital sector. The ultimate goal is to create a valuable resource that promotes sustainability and contributes to a more environmentally conscious digital future (Robert C., 1986). Figure 6: Work Breakdown Structure Grant chart The Green Labs IT Solutions startup tech company aims to promote sustainable technology and reduce carbon footprint through their project, 'Going Green in ICT. 1 2 'The project involves developing an interactive website where users can calculate their digital carbon footprint and access information about sustainable ICT practices. Userswill also have the option to donate towards this cause. The Gantt chart outlines the project's timeline and tasks. It starts with allocating responsibilities and conducting research on global data growth and environmental impact. Data collection on ICT equipment's carbon footprint and power consumption follows, along with investigating eco-friendly technology practices. The team will then design a user-friendly website interface and develop a digital carbon footprint calculator with a secure donation functionality. Thorough testing will be done, addressing any identified issues before deploying the website on a reliable hosting platform. Post-deployment, user support and monitoring website traffic will be crucial, while continuously gathering feedback for improvements. Overall, the Gantt chart ensures a well-organized and efficient workflow towards achieving

the project's goal of advocating sustainable ICT practices. Figure 7: Grant chart for project part 1 Figure 8: Grant chart for project part 2 Resource Plan A resource plan is a strategic document that outlines the necessary resources, including human resources, hardware, software, and budget, required to successfully execute a project. At Green Labs IT Solutions, we have developed a comprehensive resource plan to support the implementation of our project, "GoingGreen in ICT." Our human resources include a dedicated Project Manager, two Web Developers, a Content Writer, a Data Analyst, and a User Support Team. For hardware, we have five Computers and Laptops, three Testing Devices, and two Servers. In terms of software, we have licenses for Web Development Tools, Data Analysis Tools, and Testing Tools. The allocated budget for the project is Npr 6,60,000.00. Additionally, we are collaborating with stakeholder Rahul Thapa, who brings valuable expertise to the project. With this well-structured resource plan, we are confident in delivering an impactful website that raises awareness about sustainable ICT and allows users to calculate their digital carbon footprint, contributing to our mission of making a positive environmental impact (Dey, et al., 2010). Resource Type Resource Description Quantity Human resource Project Manager 1 person Web Developer 2 persons Content Writer 1 person Data Analyst 1 person User Support Team 2 persons Hardware Resources Computers and Laptops 5 items Testing Devices 3 items Servers 2 items Software Resources Web Development Tools Licenses for 5 team members Data Analysis Tools Licenses for 2 team members Testing Tools Licenses for 3 team members Funding Budget Allocation Npr 6,60,000.00 Expert Collaboration Stakeholder Rahul Thapa Budget Plan /Cost We, at Green Labs IT Solutions, have carefully planned the budget for our project, "GoingGreen in ICT," focusing on advocating sustainable technology and reducing carbon

footprint. This includes allocating funds for essential components such as Web Development, Content Creation, Domain and Hosting, Online Advertising, Social Media Marketing, Partnerships, Carbon Footprint Calculator, Data Collection, Website Maintenance, Technical Support, Content Updates, Salaries, Office Supplies, Contingency, Donation Management, Donation Drive Marketing, and Green Initiatives Awareness. The total estimated cost of NPR 660,000 reflects our dedication to creating an impactful website that raises awareness about sustainable ICT practices and encourages user contributions. With this well-structured budget plan, we are confident in achieving our mission of making a positive environmental impact (Aminbakhsh, et al., 2013). Budget Item Estimated Cost (NPR) Description Web Development NPR 120,000 Hiring web developers/ designers to create the interactive website. Content Creation NPR 50,000 Cost for creating informative and engaging content related to sustainable ICT. Domain and Hosting NPR 10,000 Expenses for purchasing a domain name and hosting the website. Online Advertising NPR 30,000 Budget for running online ads to promote the website and its mission. Social Media Marketing NPR 25,000 Cost for social media marketing and campaigns to raise awareness about the project. Partnerships and Collaborations NPR 15,000 Expenses for collaborating with environmental organizations and influencers. Carbon Footprint Calculator (R&D) NPR 50,000 Cost for developing and integrating the digital carbon footprint calculator. Data Collection NPR 20,000 Expenses related to obtaining data on energy consumption and hardware/environmental impact. Website Maintenance NPR 15,000 Budget for ongoing technical support and website maintenance. Technical Support NPR 10,000 Additional technical support budget. Content Updates NPR 15,000 Cost for updating the website with new information and features regularly. Salaries and Wages NPR 200,000 Compensation for employees or team

members working on the project. Office Supplies NPR 5,000 Miscellaneous expenses related to office supplies and equipment. Contingency Fund NPR 10,000 Allocating a small percentage of the budget for unforeseen expenses. Donation Management NPR 40,000 Setting up a secure and efficient donation management system on the website. Donation Drive Marketing NPR 20,000 Marketing expenses for promoting donation drives and encouraging contributions. Green Initiatives Awareness NPR 25,000 Conducting awareness campaigns and events related to sustainable ICT and environmental impact. Total Estimated Cost NPR 660,000 Risk Management Plan We, at Green Labs IT Solutions, have meticulously devised a risk management plan to ensure the smooth execution of our project, "GoingGreen in ICT." Our aim to promote sustainable technology and reduce carbon footprint necessitates a proactive approach to address potential risks. Technical Challenges may arise during website development, so we plan to hire experienced web developers and conduct regular code reviews. To safeguard against Data Security Breach, we'll implement robust security measures and adhere to data protection regulations. To combat Lack of User Engagement, we'll conduct market research, employ effective marketing strategies, and continually monitor user feedback. For Funding Shortfalls, we'll explore external funding options and closely monitor budget allocation. To manage Legal and Compliance Issues, we'll seek legal counsel and ensure adherence to relevant laws. To prevent Lack of Awareness and Adoption, we'll design an extensive outreach plan and collaborate with influencers. Inadequate Resources will be addressed by building a skilled team and allocating sufficient time and resources. Contingency plans for COVID-19 or other disruptions will ensure project continuity while prioritizing the health and safety of team members and stakeholders. With this well-prepared risk management plan, we're confident in

achieving our mission of fostering a greener and sustainable future through "GoingGreen in ICT" (Datta & Mukherjee, 2001) . Risk Description Mitigation Technical Challenges The development of an interactive website with a carbon footprint calculator may encounter technical difficulties. Hire experienced web developers with expertise in similar projects. Regularly conduct code reviews and quality checks during development. Have a contingency budget for potential technical issues. Data Security Breach Storing user data and donation information could expose the project to data security threats. Implement robust security measures, including encryption and secure storage for user data. Conduct security audits and vulnerability assessments. Comply with data protection regulations and privacy policies. Lack of User Engagement The website may not attract enough users or donations to raise awareness effectively. Conduct market research to identify target audiences and tailor the content accordingly. Invest in effective marketing strategies to promote the website and its mission. Continuously monitor user engagement metrics and make improvements based on feedback. Funding Shortfalls The project's budget may not be sufficient to cover all expenses and initiatives. Explore opportunities for external funding, grants, or sponsorships. Prioritize budget allocation based on critical activities and goals. Monitor and control spending to avoid exceeding the available funds. Legal and Compliance Issues The project may face legal or compliance issues related to environmental regulations, donation management, or IP. Seek legal counsel to ensure compliance with relevant laws and regulations. Obtain necessary licenses and permissions for donation management and data handling. Respect copyright and intellectual property rights when using third-party content. Lack of Awareness and Adoption Despite the website's existence, it may fail to gain sufficient traction and

impact. Develop a comprehensive marketing and outreach plan to create awareness about the website. Collaborate with environmental organizations and influencers to amplify the message. Engage in social media campaigns to reach a wider audience. Inadequate Resources The project team may lack the necessary expertise, time, or resources to execute the plan successfully. Build a skilled and dedicated team with a clear understanding of project objectives. Allocate sufficient time and resources for each project phase. Foster a collaborative work environment to optimize productivity. COVID-19 or Other Disruptions Unexpected events like another pandemic or natural disasters may disrupt project operations. Have contingency plans in place for remote work or alternative project management. Keep track of government guidelines and adapt strategies accordingly. Prioritize health and safety of team members and stakeholders. Communication Plan We have crafted a comprehensive communication plan at Green Labs IT Solutions for our project, " GoingGreen in ICT. "Effective communication is crucial to promote sustainable technology and reduce carbon footprint, ensuring seamless collaboration and transparency among team members and stakeholders. We'll provide regular Project Status Reports to keep stakeholders informed of progress and hold Virtual Meetings for Project Scope Discussions, clarifying objectives and deliverables. Daily Task Progress Reports will keep team members updated on specific tasks, while Project Review Meetings will assess performance. Budget Reports will ensure financial transparency, and Risk Analysis Reports will address potential risks. Stakeholder Engagement will be prioritized through various channels, and the Marketing Team will promote the project through social media, website, and press releases. Timely updates on donation campaigns will be shared by the Fundraising Team, and the Sustainability Team will showcase environmental impact. This communication plan empowers us

to achieve our mission and make a positive impact on the environment through sustainable ICT practices. Communication Purpose Medium Frequency Owner Project Status Report Provide stakeholders with updates on the overall progress and status of the " GoingGreen in ICT "project. Report Weekly Project Manager Project Scope Discussion Discuss and clarify the project scope, objectives, and deliverables with team members and stakeholders. Virtual Meetings (Video or Audio) As Needed Project Manager Task Progress Report Update team members on the progress of specific tasks and milestones within the project. Report Daily Team Leads Project Review Conduct project review meetings to evaluate project performance and identify areas for improvement. Virtual Meetings (Video or Audio) As Needed Project Manager Budget Report Share updates on the project's financial status, expenses, and budget allocation. Report Weekly Finance Manager Risk Analysis Assess and communicate potential risks, mitigation strategies, and risk status to the team and stakeholders. Report As Needed Risk Management Team Stakeholder Engagement Engage with stakeholders to understand their needs, gather feedback, and maintain positive relationships. Email, Social Media, Virtual Meetings As Needed Project Manager Marketing and Awareness Promote the " GoingGreen in ICT "website, events, and campaigns to raise awareness among the target audience. Social Media, Website, Press Releases Daily Marketing Team Donation Campaign Updates Provide updates on donation campaigns, progress, and impact to donors and the public. Report As Needed Fundraising Team Environmental Impact Reporting Share reports on the environmental impact of the project and its contributions to sustainability. Report As Needed Sustainability Team Project Recommendations Recommendations for Technical Audiences: Use Energy-Efficient Technologies: To reduce the environmental impact, focus on adopting energy-efficient technologies like servers and

hardware that consume less power. Optimize Data Management: Manage data smartly by compressing and deduplicating it, so we need less hardware and storage space. Develop Eco-Friendly Software: Encourage developers to create sustainable software with efficient code and algorithms, using less energy without compromising performance. Promote Green ICT Awareness: Raise awareness among technical professionals about the environmental impact of ICT through workshops and webinars. Recommendations for Non-Technical Audiences: Calculate Your Digital Carbon Footprint: Find out your digital impact using the " GoingGreen in ICT "website and learn how to reduce it. Support Sustainable ICT: Contribute to sustainable ICT initiatives by donating through the website. Spread the Word: Share information about the website with others and encourage them to calculate their digital footprint and support sustainability. Use Eco-Friendly Technology: Adopt eco-friendly practices like turning off devices when not in use and recycling electronic waste. Advocate for Green ICT: Promote green ICT practices in your workplace and community to address climate change. Together, we can embrace sustainable practices and make a positive impact on the environment while enjoying the benefits of digital technologies. Presenting Arguments for Planning Decisions During the development of the project plans for " GoingGreen in ICT, "we carefully considered the escalating environmental impact of the digital sector due to the surge in global data creation and storage. To tackle this challenge, we prioritized energy-efficient technologies, opting for servers and hardware with reduced power consumption. Additionally, implementing data compression and optimization techniques allowed us to manage data more efficiently, minimizing the need for excessive hardware. We also emphasized eco-friendly software development, encouraging our team to create applications that consume less energy while maintaining high

performance standards. Our comprehensive communication strategies aimed to raise awareness among both technical and non-technical audiences about the environmental implications of ICT equipment and the significance of adopting sustainable practices. Through user-friendly features like a digital carbon footprint calculator and donation mechanisms, we engaged users in actively contributing to a greener future through sustainable ICT practices. Accuracy and Reliability of the different research methods Throughout the feasibility study we made sure that our research methods were accurate and reliable, by planning and executing them. The literature review provided a solid base of information from reputable sources, enhancing the credibility of our findings. Surveys and questionnaires were designed with precision to collect data from a diverse group of users, allowing us to obtain accurate quantitative insights into energy consumption and environmental considerations. Additionally, conducting interviews with stakeholders added a human touch to the study, providing valuable qualitative insights that complemented the quantitative data. By employing a combination of these research methods, we obtained a comprehensive and well-rounded understanding of the environmental impact of digital endpoint devices, ensuring the accuracy and reliability of our conclusions and recommendations. Assessment of project recommendations' effectiveness in meeting organizational needs The project recommendations closely align with the needs and goals of our organization, Green Labs IT solutions. As a startup tech company deeply committed to sustainability, our emphasis on adopting energy-efficient technologies, optimizing data management, and developing eco-friendly software strongly resonates with our mission to minimize our environmental impact. Encouraging developers to create sustainable software with efficient code and algorithms is a well-founded decision. Through this approach we

can guarantee that our offerings and solutions are not just inventive but also environmentally aware making a contribution, towards a sustainable future. Furthermore, our focus on raising green ICT awareness among technical professionals through workshops and webinars supports our vision of becoming an environmentally conscious company. It ensures that our team remains well-informed and motivated to implement sustainable practices across our operations. For non-technical audiences, the " GoingGreen in ICT "website, along with the option to calculate digital carbon footprints and support sustainable ICT initiatives through donations, offers valuable tools for individuals to actively participate in our environmental endeavors. Moreover, advocating for green ICT practices in our workplace and community reinforces our commitment to addressing climate change and promoting responsible technology usage. To set an example for others and showcase our commitment, to reducing waste and conserving valuable resources it is important that we incorporate technology habits such as powering off devices when they are not, in use and actively participating in proper recycling practices. In conclusion, the project recommendations are highly responsive to the needs of our organization, and the planning decisions are extensively supported by well-aligned rationales that reflect our core values of sustainability and environmental stewardship. Undoubtedly, these decisions will play a significant role in shaping a more eco-friendly and impactful future for Green Labs IT solutions. Effective recommendations, aligned with organization's needs, reliable research The project planning recommendations presented in the pages provided are highly effective in meeting the needs of the identified organization, Green Labs IT Solutions. The organization's commitment to promoting sustainable ICT practices and reducing the environmental impact of digital technologies is well-addressed

through the proposed strategies. The alignment of the recommendations with the organizational needs is evident in the focus on energy-efficient technologies, data optimization, and eco-friendly software development. These recommendations directly tackle the pressing environmental concerns associated with the digital sector and demonstrate a strong dedication to sustainability. Moreover, the inclusion of the " GoingGreen in ICT" website and the digital carbon footprint calculator cater to the increasing demand for individual actions in combating climate change. The option for users to support sustainable ICT initiatives through donations fosters a sense of community involvement and encourages active participation in environmental conservation. The research carried out to support the recommendations demonstrates a comprehensive and reliable approach. The use of both quantitative and qualitative research methods, such as literature reviews, surveys, interviews, and enhances accuracy of research findings. By analyzing data from both secondary and primary research, the study give more knowledge about the environmental impact of digital endpoint devices, provide evidence-based conclusions and recommendations. 8 Theproject's feasibility is effectively demonstrated through the work breakdown structure (WBS), which provides a clear and manageable breakdown of tasks and deliverables. Thebudget plan and resource allocation are practical and realistic, ensuring efficient utilization of resources to support the proposed strategies. The inclusion of a contingency fund further strengthens the project's preparedness to handle unforeseen challenges. The communication plan outlines a well-structured approach to stakeholder engagement, ensuring transparency and effective information dissemination. Regular project status reports, task progress reports, and project reviews facilitate ongoing communication with team members and stakeholders, maintaining

alignment with organizational goals. In conclusion, the project planning recommendations are highly effective in meeting the needs of Green Labs IT Solutions and are supported by accurate and reliable research. The organization's dedication to sustainability is well-reflected in the proposed strategies, making them well-suited to contribute significantly to a greener and more environmentally conscious future in the digital technology industry. References Aminbakhsh, S., Gunduz, M. & Sonmez, R., 2013. Safety risk assessment using analytic hierarchy process (AHP) during planning and budgeting of construction projects. Journal of Safety Research, pp. 99-105. Bogdan, R. &. B. S. K., 1997. Qualitative Research for Education. An Introduction to Theory and methods. Brown, I. et al., 2004. The Impact of National Environment on the Adoption of Internet Banking. Journal of Global Information Management, 12(2), pp. 1-26. 2 Bryman,A., 2006. 2 4 Integratingquantitative and qualitative research: how is it done?. QualitativeResearch, pp. 6(1), 97–113. Chong, S. a. P. L., 2023. A typology of secondary research in Applied Linguistics.. Applied Linguistics Review. Cooke, ., 2020. The Impact of the Internet. United States: Crabtree Publishing Company. Datta, S. & Mukherjee, S., 2001. 1 Developinga Risk Management Matrix for Effective Project Planning—An Empirical Study. ProjectManagement Journal, 32(2), pp. 45-57. Dey, P. K., Clegg, B. T. & Bennett, D. J., 2010. Managing enterprise resource planning projects. Business Process Management Journal, 16(2), pp. 282-296. Glass, G. V., n.d. Primary, Secondary, and Meta-Analysis of Research.. Educational Researcher, pp. 5(10), 3–8. Goodwin, L. D., 2020. Qualitative Vs. Quantitative Research or Qualitative and Quantitative Research?. Nursing Research, 33(6), pp. 378-384. Kvale, S., 1996. InterViews: An introduction to qualitative research interviewing.. 3(20), pp. 287-288. Lamb, 2010. 3 TheGreening Of IT: How Companies Can Make A Difference For The Environment. India:Pearson Education.

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