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| Feasibility Report Submission | | |
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| **Unit:** 13 Computing Research Project | | |
| **Date: 04th Aug 2023** | | |
| **Project TITLE : Transforming Business Models in the Digital Era to Address Post-Covid Challenges.** | | |
| Section One: explain feasibility study and type of feasibility study | | |
| **Feasibility testing,** also known as feasibility analysis, is a step in project or business development used to assess whether a proposed idea or concept is viable or not. The main objective of feasibility testing is to determine whether a project or venture has the potential to succeed in terms of technical, economic, operational, and social aspects before allocating significant resources to it. There are several types of feasibility typically evaluated in feasibility testing:  **1. Technical Feasibility:** This assesses whether the project or venture can be executed from a technical perspective, considering the available technology, equipment, and expertise. It includes considerations related to infrastructure, software, human resources, and technical knowledge required.  **2. Economic Feasibility:** This measures whether the project can generate enough profits to offset the initial investment and ongoing costs. Cost-benefit analysis is often used to evaluate this aspect.  **3. Operational Feasibility:** The focus of operational feasibility is on the ability of the project or venture to run efficiently on a day-to-day basis. It includes considerations related to business processes, operational management, and required support**.**  **4. Schedule Feasibility:** This assesses whether the project can be completed within the specified timeframe. This is particularly important in projects with tight deadlines.  **5. Social Feasibility:** This evaluates the social impact of the project or venture on society, the environment, and ethics. It includes considerations related to ethics, environmental impact, and comunity response to the project. | | |
| **Section Two: Feasibility study Check List** | | |
| **technical considerations**  **1. Hardware, Software, and Network Considerations**  a) As project managers, we needed to work closely with Jumpstart to evaluate our hardware and software infrastructure and their existing network.  Rephrase  Determine if their current configuration matches the project requirements. If not, discuss potential upgrades or new installations that may be needed.  b) Ensure that Jumpstart's network can support the expected data traffic and connectivity needs of the project. If specialized software or tools are needed, work with Jumpstart to make sure they are available or plan to purchase them.  **2.Familiarity with the application and technology**  a) Assess the technical expertise of your team at Acedora Tech. Confirm that your team members are familiar with the technologies and tools needed for the project. If there is a technical gap, consider training or hiring more staff with the necessary skills.  b) Collaborate closely with JumpStart to understand their level of familiarity with the application stack and technology. If the Startup team is unfamiliar with certain areas, provide guidance and support, which may include documentation or training sessions.  **3. Project size**  a) Evaluate the size and complexity of the project. Determine the number of team members needed, project duration, and resource allocation. Consider the overall scope of the project and its fit with the capabilities and capabilities.  b) If the project is particularly large or complex, contact Jumpstart to make sure they are aware of the resource requirements and potential risks associated with the size of the project. Discuss any incremental adjustments or approaches if needed.  **market survey**  **1.Jumpstart Satisfaction with Current System:** Assess the satisfaction level of customers with Jumpstart's current inventory management system. This provides insight into existing pain points.  **2.Competitor Impact:** Determine whether customers choose competitors due to product unavailability at Jumpstart, highlighting the competitive landscape's impact.  **3.Satisfaction with Return and Exchange Policy:** Evaluate customer satisfaction with Jumpstart's current return and exchange policy for out-of-stock products, as this can affect overall customer experience.  **4.Identification of Issues:** Identify any specific issues or challenges encountered with Jumpstart's inventory management system that may have affected their managing stock experience.  **5.Likelihood of Recommendation:** Determine how likely Jumpstart will recommend to others based on new model bussines. This reflects overall customer loyalty and advocacy.  **operational feasibility study**  **1. Assessing Current Workforce Competencies:** In this phase, we assess the existing skills and knowledge of Jumpstart's workforce to determine if they have the necessary expertise to develop and manage the new website-based business model. If gaps are identified, training and upskilling programs will be recommended.  **2. Evaluating Collaborative Requirements:** We examine the collaborative aspects of developing the new business model. It includes identifying the various teams and departments that will be involved, such as marketing, IT, and customer support. Ensuring effective communication and collaboration among these teams is crucial for the success of the project.  **3. Analyzing Technical Infrastructure:** We conduct an in-depth analysis of Jumpstart's current technical infrastructure to ensure it can support the development and maintenance of the website-based business model. This includes assessing server capacity, bandwidth, and security measures.  **4. Data Accessibility and Integration:** This study focuses on the accessibility and integration of data required for the new business model. We assess the availability of relevant data sources and systems and recommend strategies for data integration and management.  **5. Addressing Security and Privacy Compliance:** We analyze the legal and regulatory requirements related to data security and user privacy for the new website-based model. Recommendations will be made to ensure the business model complies with all relevant laws and regulations.  **6. Financial Viability and Budget Planning:** This step involves a comprehensive financial analysis of the costs associated with developing and maintaining the website-based business model. It includes budget planning to ensure that the project remains financially feasible and within allocated resources.  **7. Vendor Selection and Partnership Considerations:** If external vendors or partners are required for the development of the website-based model, we assess the feasibility of selecting the right vendors and establishing effective partnerships. This includes evaluating vendor capabilities, pricing, and service agreements.  **8. Risk Assessment and Mitigation:** We identify potential risks and challenges associated with the new business model's development and operation. Strategies for risk mitigation and contingency planning will be outlined to ensure a smooth transition to the new model.  **9. Scalability and Growth Potential:** We evaluate the scalability of the website-based business model to accommodate future growth and expansion. This involves assessing the technology's ability to handle increased traffic and transaction volume as the business grows.  **10. User Acceptance and Feedback Mechanisms:** We establish mechanisms for gathering user feedback and assessing user acceptance of the new website-based model. This feedback loop is crucial for making continuous improvements and ensuring customer satisfaction.  **11. Change Management and Training Programs:** To facilitate the successful adoption of the new business model, we develop change management strategies and training programs tailored to different user groups within Jumpstart, ensuring a smooth transition to the digital era. | | |
| **Section Three: Step to conduct feasibility study** | | |
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| **Comments and agreement from tutor:** | | |
| I confirm that the project is not work which has been or will be submitted for another qualification and is appropriate**.** | | |
| **Agreed:** | **Name:** | **Date:23-Feb 2023** |
| **Comments and agreement from project proposal checker (if applicable):** | | |
| I confirm that the project is appropriate. | | |
| **Agreed:** | **Name:** | **Date:** |