

National College of Ireland

**B.Sc. Honours in Computing, Year 3 (BSHC3A)**

**B.Sc. Honours in Computing (Evening), Year 3 (BSHC3E)**

**RepeatSemester 2 Examinations – May 2023**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Software Applications for Business – Project Fact Sheet**

Sean Bonner

**Instructions:** This document should be completed as an individual. Only ONE document should be submitted overall.

**Note:** Replace the text in red with your own paragraphs and data.

# Executive Summary

MCTV Limited is a family-owned business that has been in operation for over two decades. By considering each of the investment options, MCTV can make informed decisions that help their business grow and evolve. Michael and his team must evaluate each option's potential benefits and weigh them against their budget. Whatever investment they make, Michael and his team should adopt a collaborative approach and involve all stakeholders to ensure successful implementation.

# Project Introduction

We are thrilled to introduce a new and exciting project that has the potential to revolutionize our business operations and enhance collaboration across the organization. As many of you know, Liam, one of our esteemed colleagues, has been a strong advocate for embracing modern technologies, particularly collaborative software facilitated by the cloud

Liam's vision stems from his extensive experience and proficiency in leveraging social media and collaborative tools to drive productivity and foster innovation. He firmly believes that breaking down the barriers of isolated information and adopting collaborative software will bring substantial benefits to Mum & Dad's business.

The core idea of this project is to invest €100,000 in implementing collaborative software solutions that will empower our teams to work seamlessly together, regardless of location or department. The cloud-based nature of the software ensures accessibility and real-time updates, enabling faster decision-making and more informed strategies.

# Scope

* **Improved Collaboration and Communication:** By investing in collaboration software, Liam and his team can enjoy improved communication and collaboration. This software can provide real-time messaging, file sharing, and video conferencing. and project management tools This makes it possible to work as a team smoothly and exchange information efficiently.
* **Increased Productivity**: Collaboration Software Can Improve Workflow Reduce manual work and centralize information related to the project This can lead to increased productivity as team members can access the necessary resources and work more efficiently.
* **Enabling Remote Work:** Cloud-based collaboration software enables remote work. Liam and his team can work from anywhere with an internet connection. Promote flexibility and potentially attract talent from different geographic areas.
* **Data centralization and data access:** Collaboration software often provides centralized storage of data, documents, and information. This ensures that everyone has access to the latest and most relevant information. Without the need for multiple versions and data silos.
* **Better Decisions:** With better access to data and insights from various business functions, Liam is able to make more informed decisions. Collaboration software enables data-driven decisions by integrating information from different sources.
* **Cost-effective and scalable:** Cloud collaboration software typically runs on a subscription model. This eliminates the need for large hardware investments, and the software can be easily scaled as the business grows. Support for new users and various functions
* **Competitive Advantage:** Using collaborative software gives Liam's business a competitive edge. by promoting a collaborative culture Businesses can respond faster to market changes. Responding to customer needs in a timely manner and innovating more efficiently
* **Security and data protection:** Reputable cloud service providers always take strong security measures to protect data. This can improve data security and compliance with data protection regulations.
* **Integration with Existing Systems:** Many collaborative software solutions offer integration with other business tools and systems. This means that Liam's team can work on different software platforms. smoothly without interruption
* **Training and skill development:** Implementing collaborative software may require training for team members to ensure they can use the software effectively. It is an opportunity to develop skills and learn within the organization.

# Project Links

|  |  |
| --- | --- |
| Description | Link (URL) |
| [WordPress Tutorials for Beginners](https://wordpress.com/learn/) | <https://wordpress.com/learn/> |
| WordPress Tutorial | <https://youtu.be/DvbFBxKcORA> |
| Trello guide | <https://trello.com/guide> |
| WordPress Tutorial | <https://www.youtube.com/watch?v=geRKHFzTxNY> |

# Roles and Responsibilities

|  |  |  |  |
| --- | --- | --- | --- |
| Name | ID (student #) | Role | Responsible for: |
| Arriya Thiamkhokkruad | X22750909 | Liam | Social media and Software management |

# Activity Log

## Week A

|  |  |  |  |
| --- | --- | --- | --- |
| member | What did you complete this week? | What was completed last week? | Were there any issues/challenges found? |
| Arriya Thiamkhokkruad | I completed GitHub | I completed all of the research and brainstorming | The challenge is that I must watch it repeatedly to understand it. |

A screenshot of a computer

Description automatically generated

## Week B

|  |  |  |  |
| --- | --- | --- | --- |
| member | What did you complete this week | What was completed last week | Were there any issues/challenges found? |
| Arriya Thiamkhokkruad | I completed the Database | I completed the research for GitHub | The challenge is that I must watch it repeatedly to understand it**.** |

A screenshot of a computer

Description automatically generated

## Week C

|  |  |  |  |
| --- | --- | --- | --- |
| member | What did you complete this week | What was completed last week | Were there any issues/challenges found? |
| Arriya Thiamkhokkruad | I completed the Trello | I completed the research for the database | The challenge is that I need to adapt to new software, tools, or processes |

A screenshot of a computer

Description automatically generated

6.4 Week D

|  |  |  |  |
| --- | --- | --- | --- |
| member | What did you complete this week | What was completed last week | Were there any issues/challenges found? |
| Arriya Thiamkhokkruad | I completed the UML Charts and WordPress | I completed the Trello | The challenge is that I need to adapt to new tools, or processes. |

# A screenshot of a computer Description automatically generated

# Project conclusion

First of all, we need to understand the tasks we are assigned on various topics. After that, we watched a YouTube video so we could do it right. If we make a mistake, we can fix it right away. What we find difficult are the steps to follow. And we've found that with GitHub, WordPress, and Trello, we need a lot of steps to go through to achieve our goal and get it working perfectly. Additional practice in class will increase your familiarity with the job.