

LDE Assignment 1

03/27/2026

E-Portfolio

Module Name: Learning In the Digital Era

Module Code: ACCA 4025

Student Name: *OZAN YAKARYILDIRIM*

Student ID: 2530090

Lecturer's Name: Koushik Modak, Suneth Ferdando

Submission Deadline: 03 April 2026

E-Portfolio Link: [Click here](https://ozaneporfolyo.wixsite.com/ozaneporfolyo)

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University of Wales Trinity Saint David
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Introduction

In this report, I discuss the key academic and professional skills needed for a future career in application development. Developing these abilities is important for achieving academic success and improving future employability. Strengthening such skills enables students and professionals to perform more effectively in both educational environments and professional settings.

Main Body

The main part of this report is organised into four different sections, each focusing on important academic and professional abilities related to computing and application development. The first task explains the study skills and workplace abilities that are important for success. The second task describes teamwork activities, including a group mind map and my own academic poster. The third task presents research and referencing skills, while the final section reflects on digital skills and personal development. explains the importance of virtual collaboration and demonstrates how RefWorks can be used for accurate referencing. Task 4 presents a Wix-based e-portfolio designed to organise and display all completed tasks in a clear and professional format.

Task 1: Essential Academic and Employment Skills for the future career Path

Task 1 (a): Report on Essential Academic and Employment Skills

Academic and Professional Skills Required for Working in App Development

Building an appropriate range of skills is essential for achieving success in today's technology sector. Individuals who plan to work as app developers need a combination of theoretical knowledge and practical competencies in order to succeed in their studies and meet the expectations of future employers [1].

Problem-solving is considered one of the most important skills in this profession. Software developers frequently encounter challenges such as fixing coding errors, improving user experience, and resolving technical faults. By applying critical thinking and analytical skills, they are able to recognise the root causes of problems and develop appropriate and effective solutions [2].

Digital literacy is also a critical skill, as it requires developers to understand and effectively use modern software, programming environments and development frameworks such as Android, iOS and Flutter [3]. Since technology is constantly changing, continuous learning and the ability to adapt to new tools are necessary for long-term career development.

Collaboration and effective communication are key factors in the success of application development projects. Developers are typically required to work closely with designers, software testers, and project stakeholders during different stages of the development cycle. Maintaining clear communication and actively exchanging ideas can strengthen team coordination and contribute to the successful delivery of high-quality software products [4].

Time management is a crucial skill for meeting deadlines and maintaining productivity. By effectively organising tasks and prioritising responsibilities, developers can ensure that their projects are delivered on time without compromising quality. Strengthening these skills also improves professional confidence, promotes lifelong learning and helps future professionals remain competitive in the constantly changing digital technology sector (5).

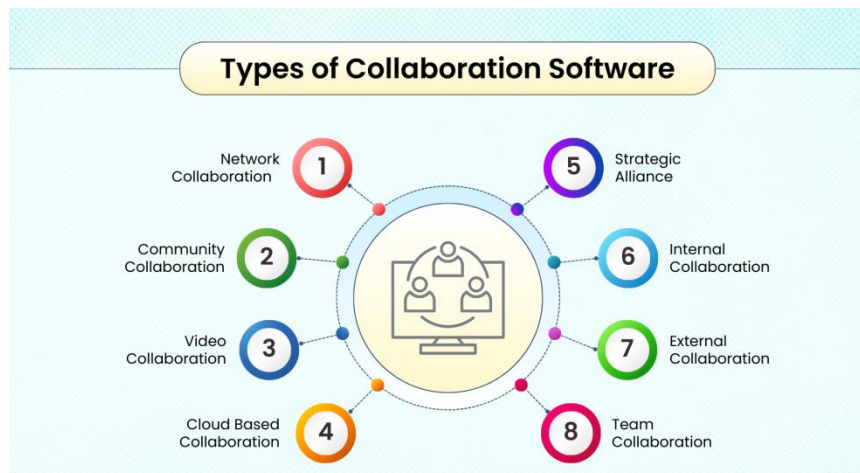
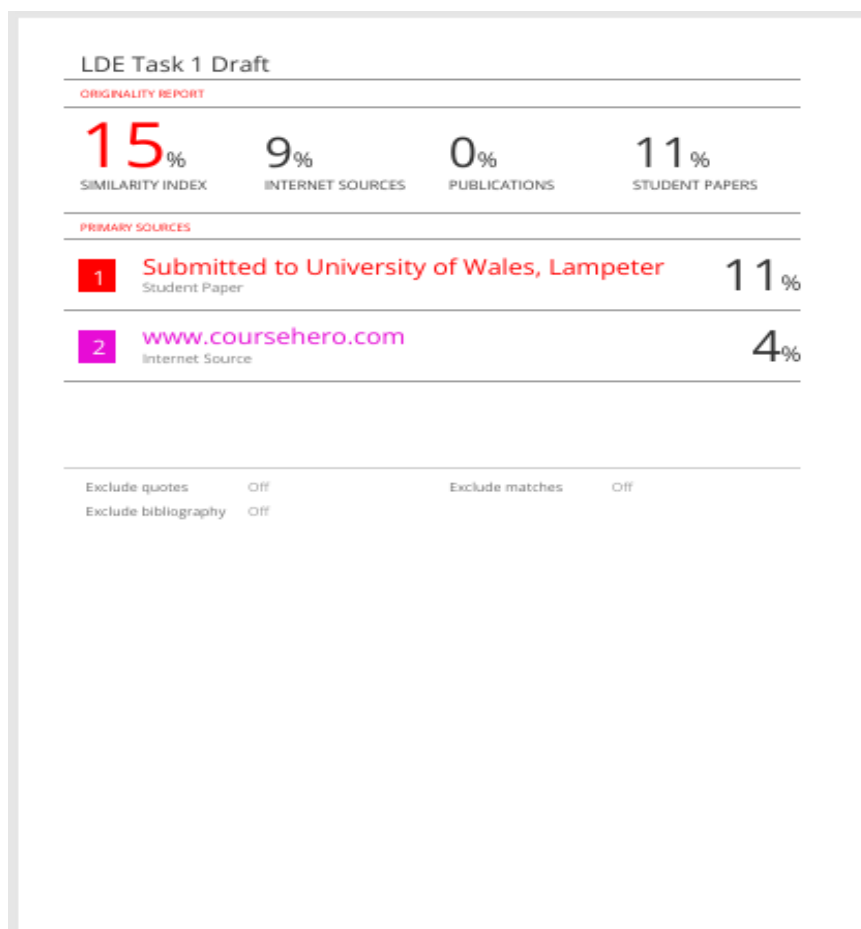


Figure (1): This picture includes examples of teamwork software used in app development, with information taken from references [2] and [3].

Figure 1 highlights various digital tools that support collaboration between software developers in their everyday work. These platforms help teams communicate more effectively, monitor project progress and manage shared responsibilities using cloud technology, online meetings and collaborative management systems. The use of these tools allows developers to work remotely, stay connected and maintain efficiency in the constantly developing digital environment.

Task 1 (b): Evaluation of Task 1 (a) based on Similarity report



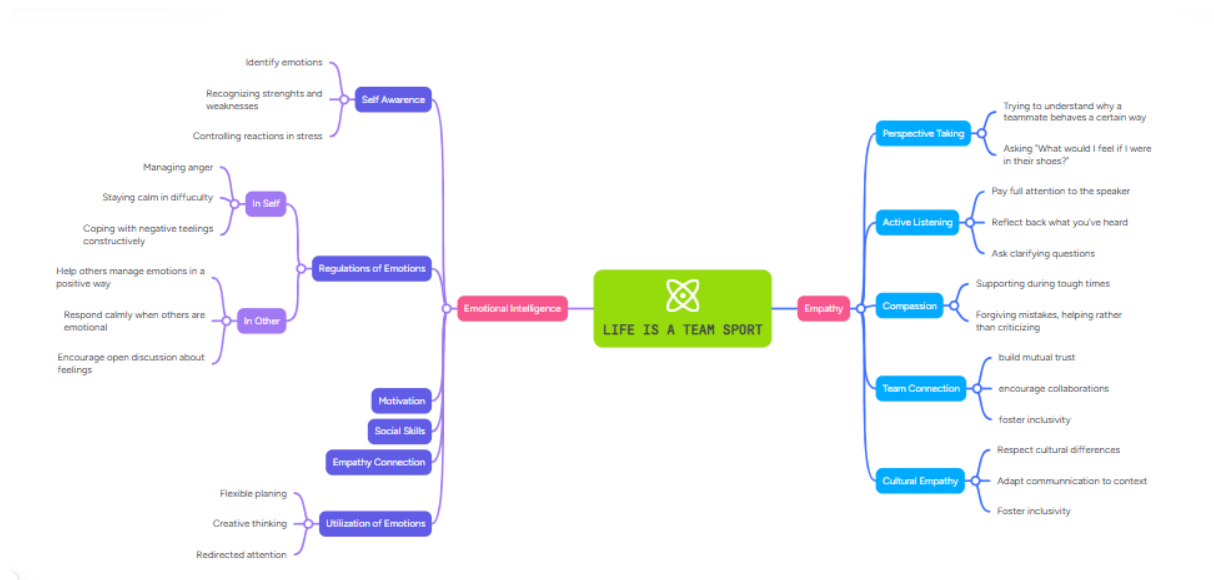
When I checked my assignment on Turnitin, it showed 15% similarity which is generally regarded as acceptable for academic work. Most of the matched content was related to technical vocabulary and commonly used academic terms rather than copied text. This indicates that the work was properly paraphrased and referenced in line with academic integrity expectations.

In future assignments, similarity could be reduced further by improving paraphrasing techniques and using more varied sentence structures. Overall, the report is clearly structured and follows an appropriate academic format. Based on the Generic Assessment Criteria, this work could reasonably achieve a merit-level grade (approximately 75–85%) because it shows my understanding of the topic, my effort in using references correctly, and how my academic writing has improved.

Task 2: Collaborative Mind Map and Individual Poster

Mind Map

Link to the MindMeister Mind Map Created for Our Group Work: [Click Here](#)



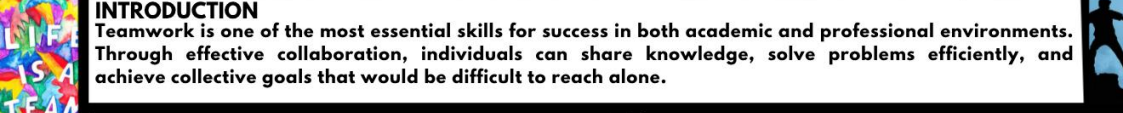
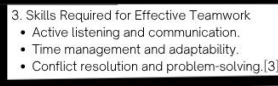
Individual Academic Poster

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POSTER

ASSIGNMENT TASK 2

Life is a team sport;



INTRODUCTION

Teamwork is one of the most essential skills for success in both academic and professional environments. Through effective collaboration, individuals can share knowledge, solve problems efficiently, and achieve collective goals that would be difficult to reach alone.

1. Importance of Teamwork in Education

- Encourages active learning and peer support.
- Develops communication, leadership, and empathy.
- Prepares students for real-world professional collaboration.[1]

2. Teamwork in the Workplace

- Enhances innovation through diverse perspectives.
- Builds trust, accountability, and shared responsibility.
- Employers consider teamwork among top employability skills.[2]

3. Skills Required for Effective Teamwork

- Active listening and communication.
- Time management and adaptability.
- Conflict resolution and problem-solving.[3]

The Power of Collaboration

Collaboration is a powerful tool that can bring people's strengths to bear on a problem.

1. In conclusion, collaboration is a powerful tool.

2. When done right, it can help you achieve your goals.

3. It's a key to success in the modern world.

4. It's a key to success in the modern world.

5. It's a key to success in the modern world.

6. It's a key to success in the modern world.

4. Technology for Virtual Collaboration

- Microsoft Teams, Google Meet, and Slack make teamwork possible even remotely.
- Digital collaboration increases productivity and inclusivity.[4]

MIND MAP

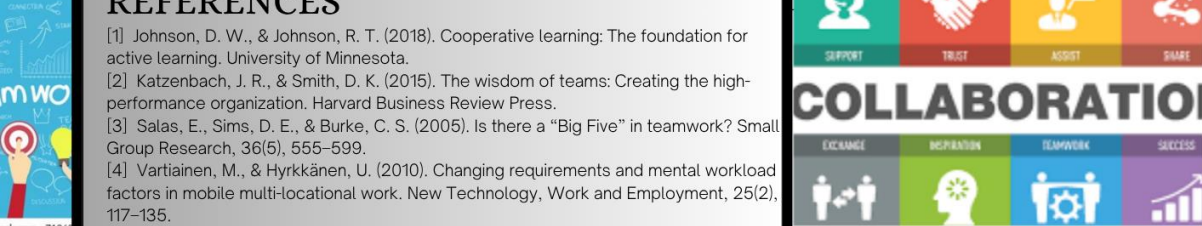
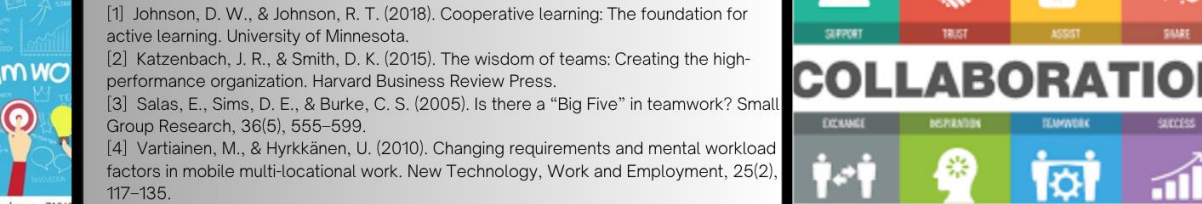
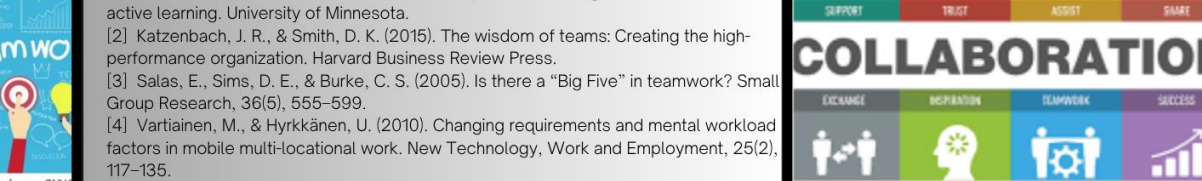
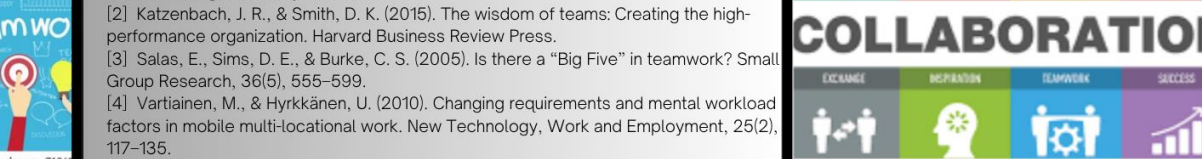
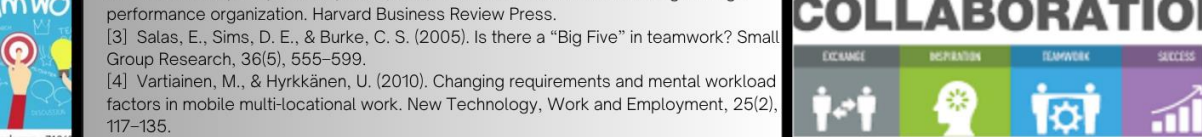
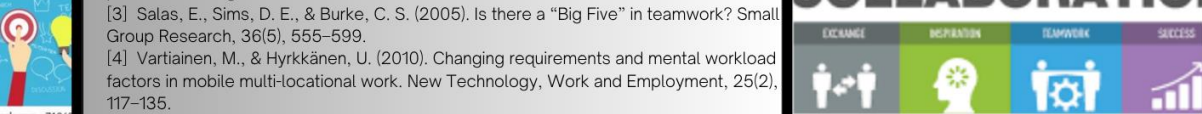
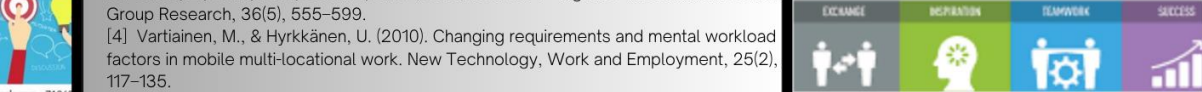
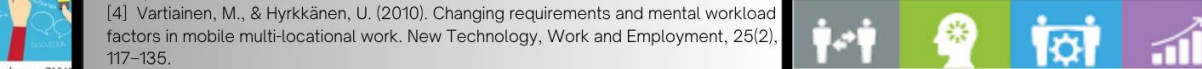
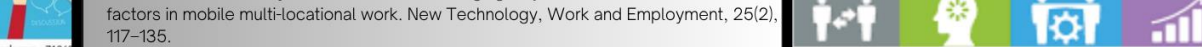
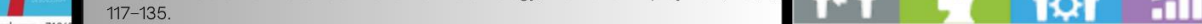
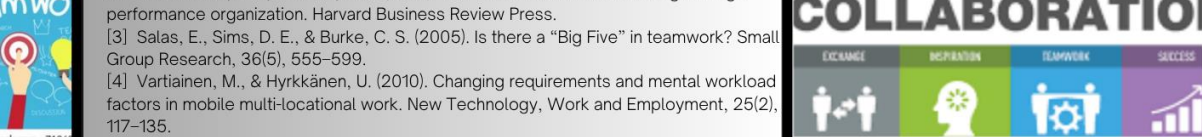
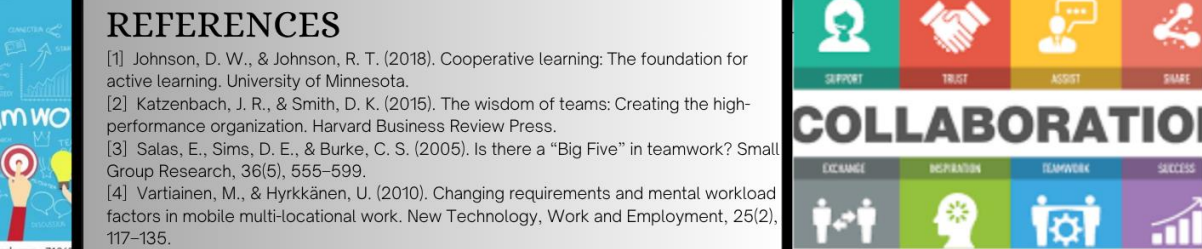


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graph LR; A[LIFE IS A TEAM SPORT] --- B[Emotional Intelligence]; A --- C[Empathy]; A --- D[Social Skills]; B --- B1[Self Awareness]; B --- B2[Regulations of Emotions]; B --- B3[Utilization of Emotions]; C --- C1[Perspective Taking]; C --- C2[Active Listening]; C --- C3[Compassion]; C --- C4[Team Connection]; C --- C5[Cultural Empathy]; D --- D1[Motivation]; D --- D2[Social Skills]; D --- D3[Empathy Connection]; B1 --- B1a[Identify emotions]; B1 --- B1b[Recognising strengths and weaknesses]; B1 --- B1c[Controlling reactions in stress]; B2 --- B2a[Managing anger]; B2 --- B2b[Staying calm in difficulty]; B2 --- B2c[Coping with negative feelings constructively]; B3 --- B3a[Help others manage emotions in a positive way]; B3 --- B3b[Respond calmly when others are emotional]; B3 --- B3c[Encourage open discussion about feelings]; C1 --- C1a[Trying to understand why a teammate behaves a certain way]; C1 --- C1b[Asking "What would I feel if I were in their shoes?"]; C2 --- C2a[Pay full attention to the speaker]; C2 --- C2b[Reflect back what you've heard]; C2 --- C2c[Ask clarifying questions]; C3 --- C3a[Supporting during tough times]; C3 --- C3b[Forgiving mistakes, helping rather than criticizing]; C4 --- C4a[build mutual trust]; C4 --- C4b[encourage collaborations]; C4 --- C4c[foster inclusivity]; C5 --- C5a[Respect cultural differences]; C5 --- C5b[Adapt communication to context]; C5 --- C5c[Foster inclusivity]; D1 --- D1a[Flexible planning]; D1 --- D1b[Creative thinking]; D1 --- D1c[Redirected attention];
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- [1] Johnson, D. W., & Johnson, R. T. (2018). Cooperative learning: The foundation for active learning. University of Minnesota.
- [2] Katzenbach, J. R., & Smith, D. K. (2015). The wisdom of teams: Creating the high-performance organization. Harvard Business Review Press.
- [3] Salas, E., Sims, D. E., & Burke, C. S. (2005). Is there a "Big Five" in teamwork? Small Group Research, 36(5), 555-599.
- [4] Vartiainen, M., & Hyrkkänen, U. (2010). Changing requirements and mental workload factors in mobile multi-locational work. New Technology, Work and Employment, 25(2), 117-135.

COLLABORATION



Task 3: Virtual Collaboration and RefWorks

Report on Virtual Collaboration

Topic: Riding the Storm – Managing Conflict in Virtual Teams

Online teamwork has become very popular as people can now cooperate from different locations using technology. Even if this is useful, it may also create challenges like misunderstandings or different ideas between team members. *Riding Storm* shows that these situations can be improved when teams communicate openly, respect each other and build trust over time.

Disagreements in virtual teams can occur when members have different cultural perspectives, work routines or are located in different time zones. Communication gaps or delayed replies may also lead to frustration between team members. Research suggests that when conflicts are not resolved quickly, they can reduce team motivation and effectiveness [1]. Therefore, it is essential for teams to manage problems early and approach them professionally.

An important strategy for improving virtual collaboration is the use of structured communication tools like Microsoft Teams, Zoom and Slack. These platforms enable real-time interaction and help prevent confusion between team members [2]. Furthermore, strong listening skills and the ability to give constructive feedback play a key role in preventing small issues from escalating into larger conflicts [3].

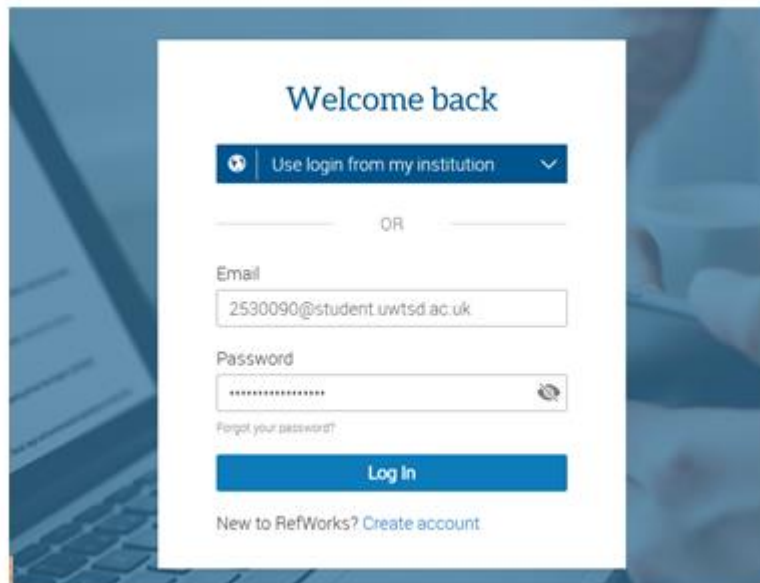
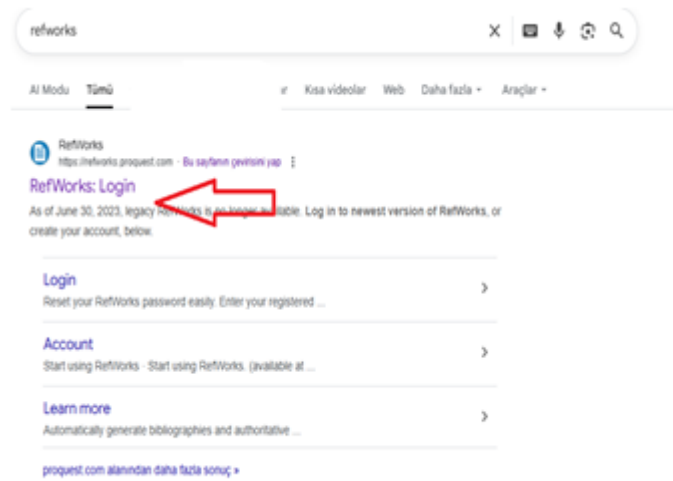
Emotional intelligence also plays a significant role in managing virtual teams. When leaders show empathy and treat team members with respect, they help create a positive and secure online working atmosphere. This promotes psychological safety, where individuals feel comfortable sharing their opinions without worrying about negative judgement [4]. Clear written agreements and shared documents can also help prevent conflict by clarifying expectations and responsibilities.

Digital technology supports team stability by improving organisation and communication. Online collaboration tools make it easier to monitor project development and clearly assign responsibilities, which reduces the risk of misunderstandings. Furthermore, holding regular virtual meetings helps to build stronger trust and encourages better teamwork among members [5].

To sum up, problems between team members are sometimes unavoidable, particularly in virtual teams. Even so, many of these issues can be solved through honest contact, mutual understanding and the correct use of digital teamwork tools. This supports both good performance and healthy professional relationships.

Using RefWorks with Images and Simple Steps

For this section, RefWorks was utilised as a reference management tool to ensure sources were organised correctly and cited accurately. Academic sources related to virtual conflict management were identified through Google Scholar and then added to RefWorks. These sources were grouped under a folder called “Virtual Collaboration” to make them easier to manage. The IEEE citation style was used to automatically create both in-text citations and the final reference list. Screenshots were provided as evidence to show the different stages of the process, including adding sources and formatting references. Using RefWorks helped improve the accuracy of citations, reduced manual work and ensured consistency across the reference list.



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APA Ayoko, O. B., Konrad, A. M., & Boyle, M. V. (2012). Online work: Managing conflict and emotions for performance in virtual teams. *European Management Journal*, 30(2), 156-174.

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Morrison-Smith, Sarah, Ruiz, Jaime (2020)
SN Applied Sciences, 2 (6), 1096

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[1] P. Pazos, "Conflict management and effectiveness in virtual teams," *Team Performance Management: An International Journal*, vol. 18, no. 7/8, pp.401–417, 2012.

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[1] S. Morrison-Smith and J. Ruiz, "Challenges and barriers in virtual teams: a literature review," *SN Applied Sciences*, vol. 2, no. 6, pp.1096, 2020.

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RefWorks

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This style is dependent on the order your citations are used in your paper. We highly recommend you first try one of our [word processor plugins](#). If you cannot use a plugin use Quick Cite to order your citations as they appear in your paper and then create your bibliography from the citations you used.

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In this citation style each reference is assigned a number based on its placement in the paper. Choose the references in your paper by clicking on the star next to each one. Cite the references using the examples below.

IN-TEXT CITATION EXAMPLES FOR THIS STYLE:

Sentence with one citation [1].
Sentence with multiple citations [1, 1, 2].

Emotional intelligence and team performance: The good, the bad and the ugly.
The International Journal of Organizational Analysis - Feyerherm, ...

Virtual Teams: Taking Stock and Moving Forward
Small Group Research - Handke, Lisa, Costa, Patricia, O'Neill, Tho...

Conflict management and effectiveness in virtual teams
Team Performance Management: An International Journal - Pazos...

Challenges and barriers in virtual teams: a literature review
SN Applied Sciences - Morrison-Smith, Sarah, Ruiz, Jaime, 2021

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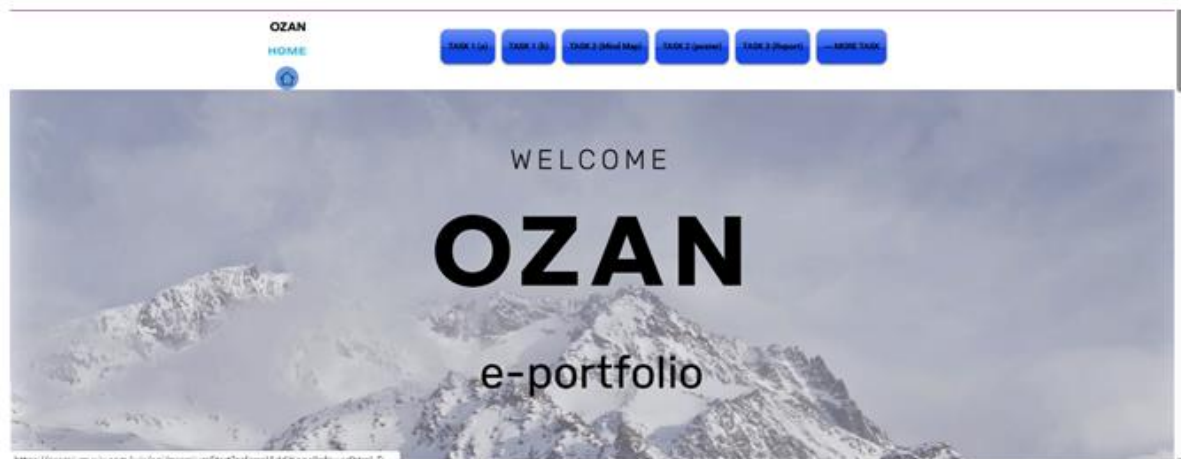
References

- [1] A. E. Feyerherm and C. L. Rice, "Emotional intelligence and team performance: The good, the bad and the ugly," *The International Journal of Organizational Analysis*, vol. 10, no. 4, pp. 343–362, 2002.
- [2] L. Handke, P. Costa and T. A. O'Neill, "Virtual Teams: Taking Stock and Moving Forward," *Small Group Research*, vol. 55, no. 5, pp. 671–679, 2024.
- [3] P. Pazos, "Conflict management and effectiveness in virtual teams," *Team Performance Management: An International Journal*, vol. 18, no. 7/8, pp. 401–417, 2012.
- [4] S. Morrison-Smith and J. Ruiz, "Challenges and barriers in virtual teams: a literature review," *SN Applied Sciences*, vol. 2, no. 6, pp. 1096, 2020.

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Part A: How I Created My E-Portfolio



ASSIGNMENT 1

Learning in the Digital Era

Module Name: Learning in the Digital Era

Module Code: ACCA 4025

Student Name: OZAN YAKARYILDIRIM

Student ID: 2530090

Lecturer's Name: Koushik Modak

Submission Deadline: 03 April 2026, 2:00PM



MIND MAP TASK 2 (A) LIFE IS TEAM SPORT

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POSTER TASK 2 (B)

Teamwork is one of the most essential skills for success in both academic and professional environments. Through effective collaboration, individuals can share knowledge, solve problems efficiently, and achieve collective goals that would be difficult to reach alone.

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ASSIGNMENT TASK 2

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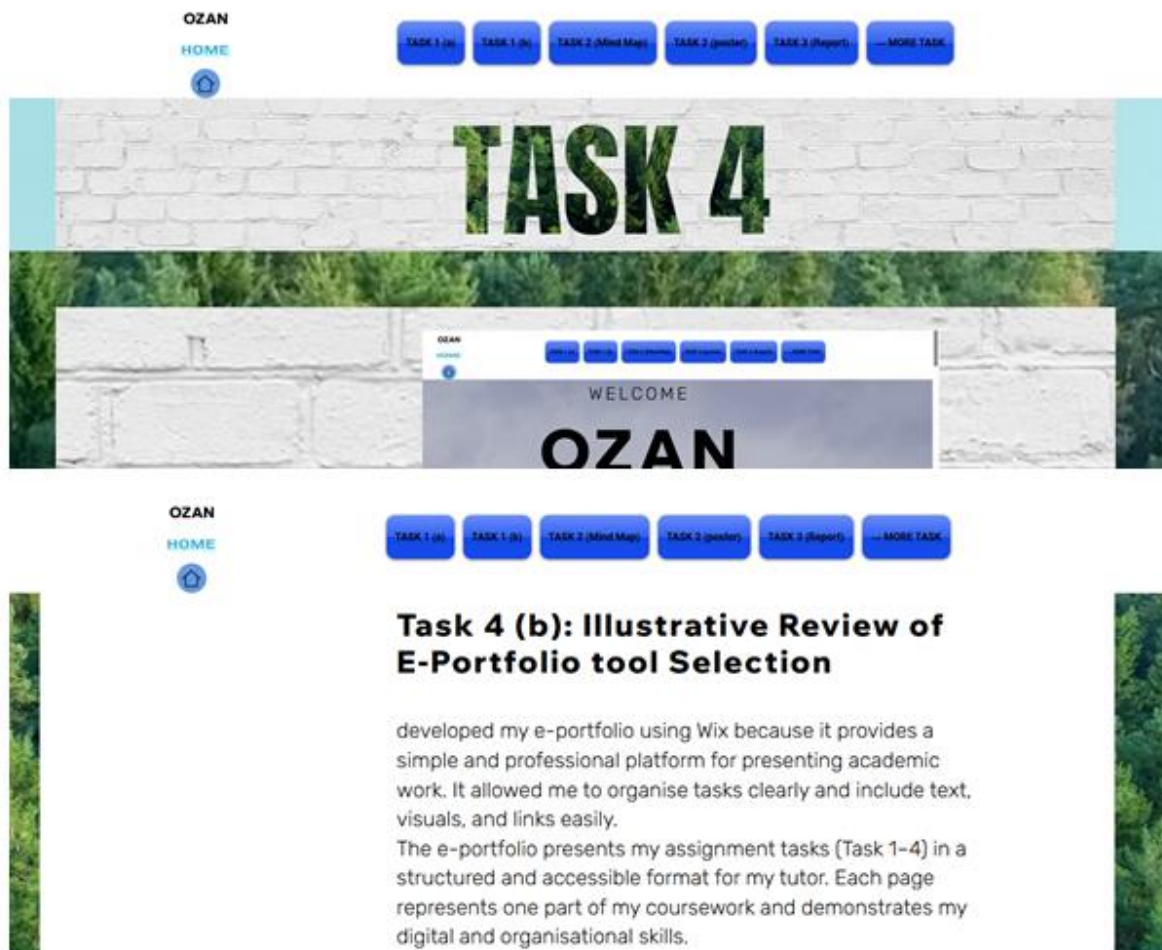
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Task 4 (b): Illustrative Review of E-Portfolio tool Selection

I built my e-portfolio using Wix because it gave me a practical and user-friendly way to present my academic work. It also made it easier to arrange my tasks and combine written information, images and external links in a structured format. The portfolio presents all assignment tasks (Task 1–4) in a clear and logical structure, making it easy for my tutor to review the work. Each page reflects a different stage of the coursework and demonstrates my digital literacy and organisational abilities.

In the future, I intend to regularly update this portfolio with additional academic work and professional projects to support my personal and career development.

Conclusion

This portfolio highlights significant progress in the development of academic, digital and professional skills that are essential for a career in computing and app development. The tasks demonstrate competence in research, collaboration and referencing, alongside transferable skills such as communication and time management. The Wix platform allowed me to organise my work in a structured and easy-to-understand format. This shows my commitment to improving my academic skills and developing myself. In general, this portfolio shows that I am preparing myself for future study and possible job opportunities in the technology sector.

References

Task 1 References:

- [1] A. Smith, *Digital Skills for Mobile Developers*, London: Routledge, 2023.
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Task 3 References:

- [1] Johnson, *Online Team Communication and Conflict Management*, London: Routledge, 2023.
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