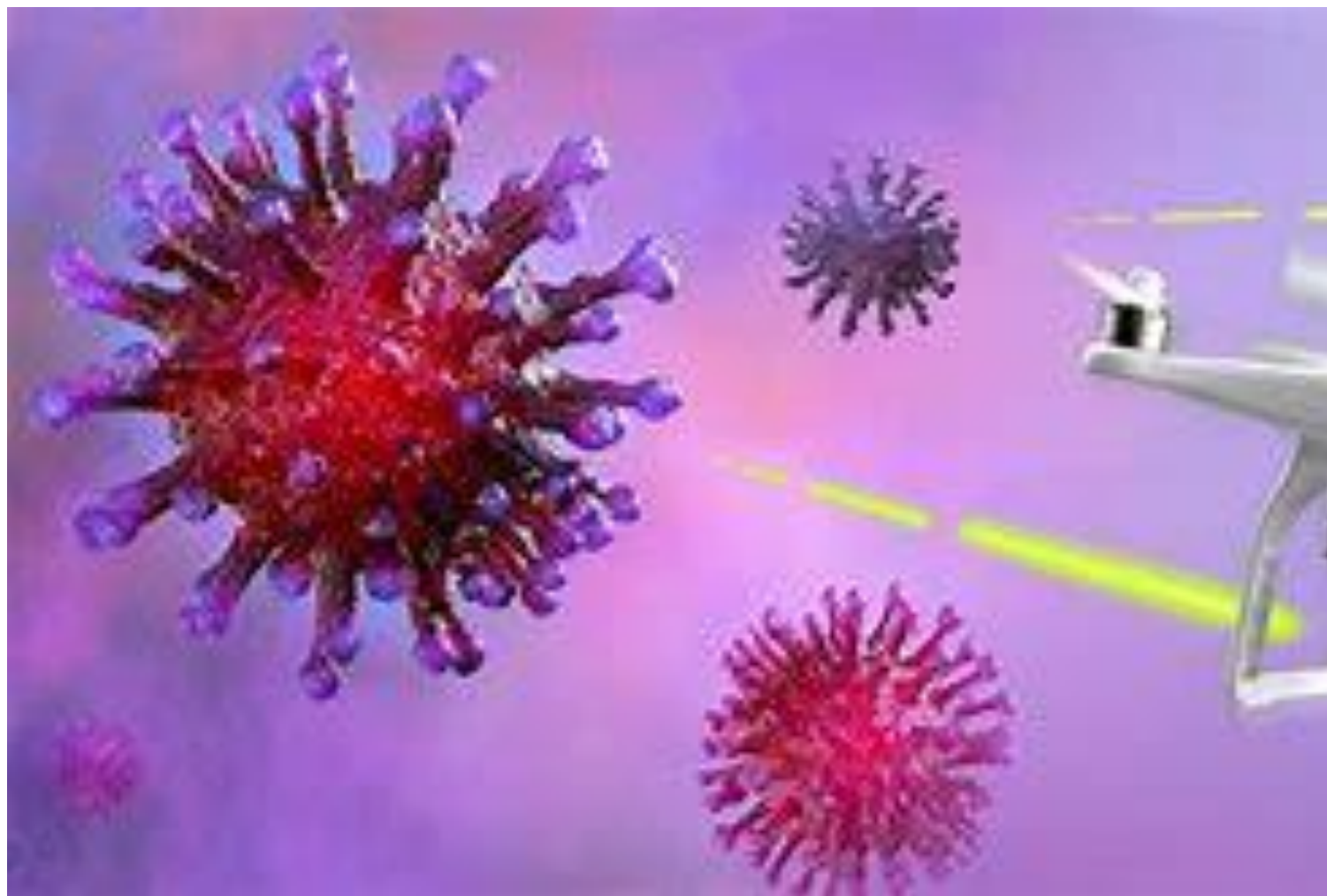
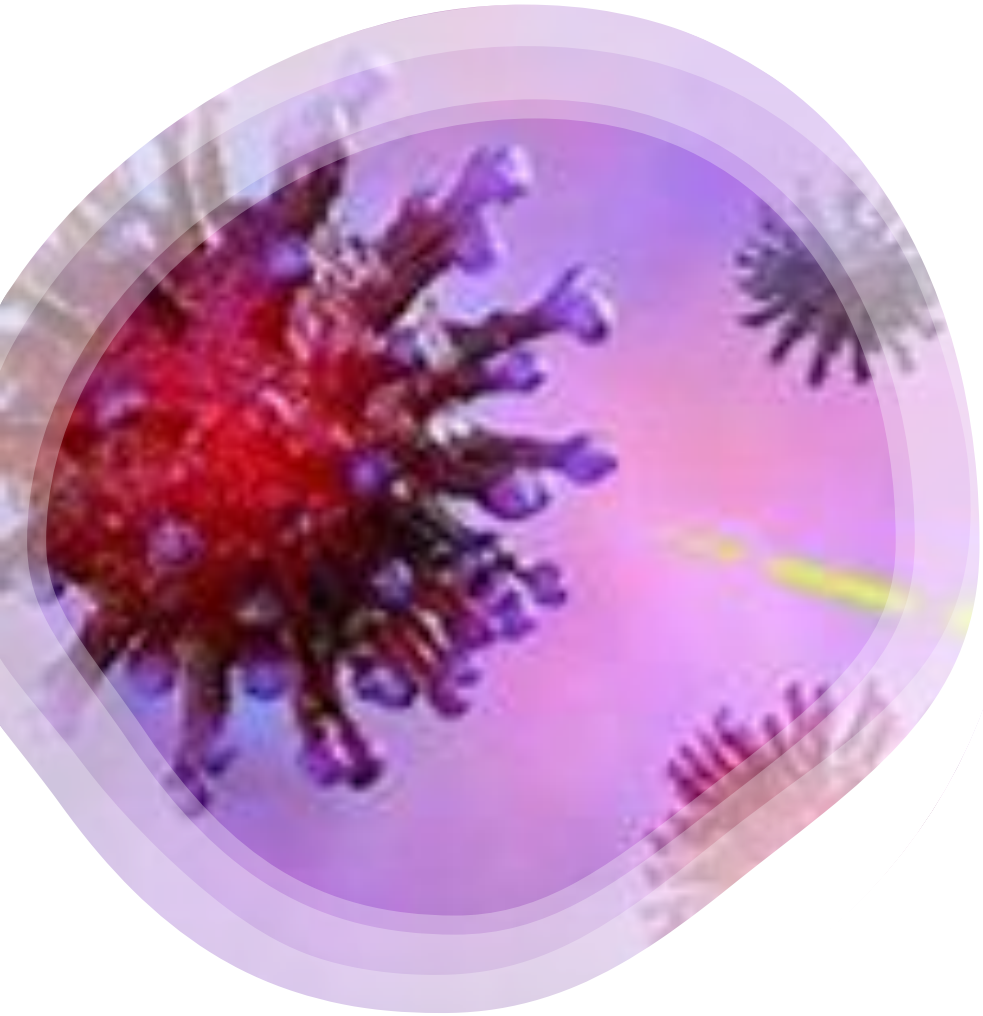


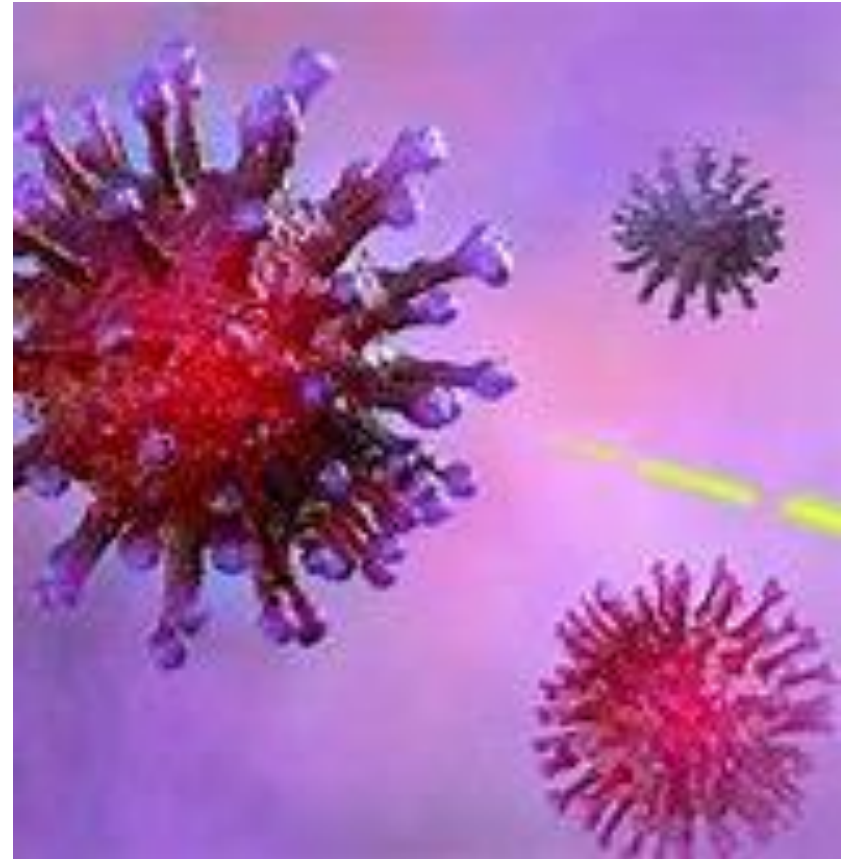


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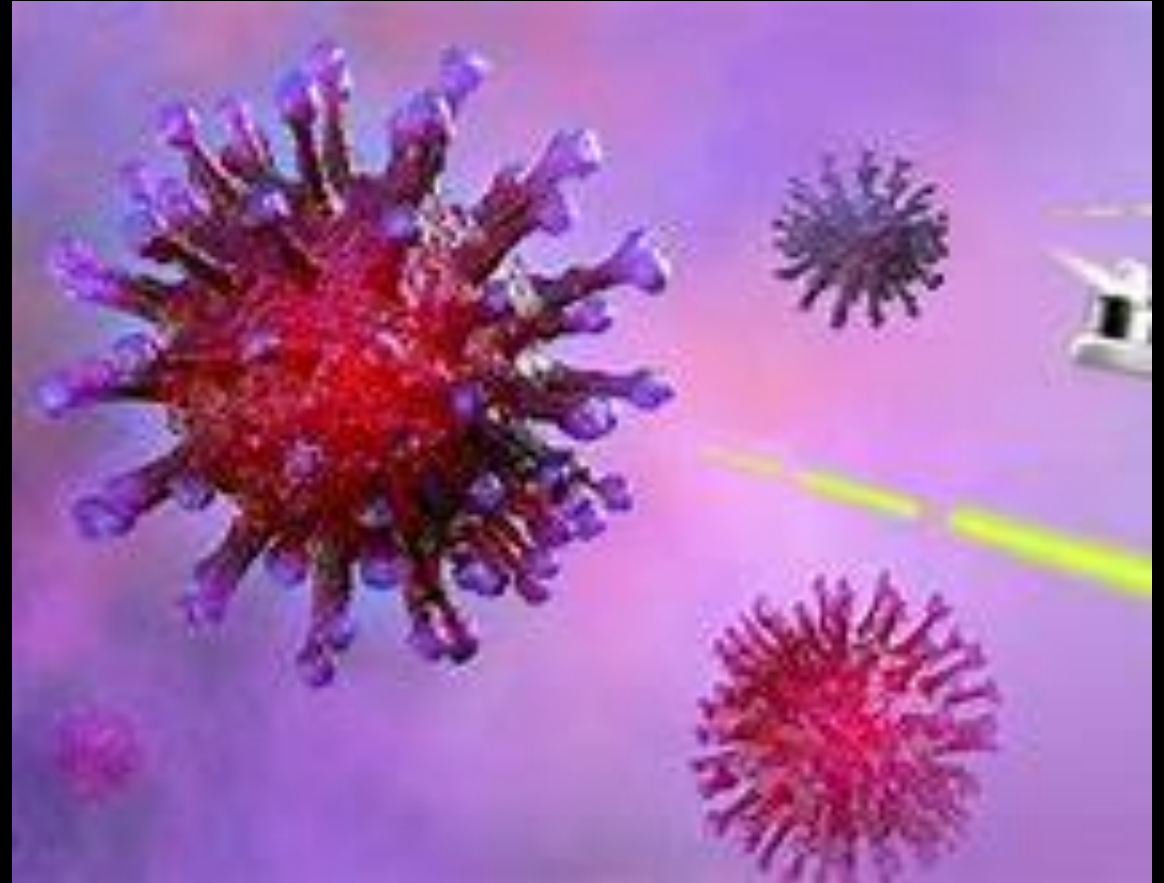
- Introduction
- Digital technology during covid19
- What is digital technology?
- *DIGITAL TECHNOLOGY IS ANY TECHNICAL INSTRUMENT ELECTRONIC SYSTEM OR AUTOMATED SYSTEM THAT PRODUCE OPERATE OR KEEP DATA*
- *Technology that works without human touch – igglobal.com*

-
- Through different research engines google YouTube and the internet I am able to list different types of digital technology that was used in the Covid-19 in the UK and internationally.
 - In the UK the nhs used a system that allow patients and people who think they may have contracted Covid -19 the 111 telephone system was used for people to contact healthcare providers to assess and diagnose people and also send test kits. Drones in Scotland were used to drop off medication to patients. Teleheath smart phone apps and artificial intelligence was also used.
 - digital technology was used to collect large amounts of data for example the amount of people who have covid-19
 - Tracing and monitoring technology was used in covid-19
 - Internet links to provide the nation with food supplies and home necessities and mental health support
 - The ECMO breathing ventilator



Effectiveness of technology used during the covid -19

It is clear that without the help of these digital technologies the nation would have struggled and would have taken a lot longer to recover. Drones preventing further contraction of the virus, internet links to feed and help people who are struggling at this time. Breathing machines to assist patients whilst they are unable to do so. Phone services to order test kits to see if we have caught covid-19. the list goes on but the effect digital technology has is a positive and helpful one



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GROUP PRESENTATION-THE USE OF DIGITAL COMMUNICATION

COLLABORATION AND PARTICIPATION

- Module code: LCHS4002
- Module name: Digital skills and research methods Student name:
JADESOLA Tompson
- Student number: 2219412 Lecturer's name: Amitave
Banik

Overview slide

- The definition of Digital communication, collaboration and participation is the way of communicating with others digitally (Lee and Messerschmitt, 2012)
- This signifies the way to perform effectively as a team through building a digital network via social media
- A youth-focused analytical framework to enhance digital participation among the youth to use this skill in the workplace (Literat *et al.*, 2018)
- The application of digital communication, collaboration and participation will be discussed



Significance of digital communication, collaboration and participation



- By using digital communication through e-mail (NHSmail2), text messages due to 90% of the UK population use mobile phone (Ncbi.nlm.nih.gov, 2023)
- In the context of the 3E framework (enhance, extend, empower), the health professionals learn the way to build digital team collaboration
- For instance, participation in digital technology similar to Artificial Intelligence, Machine learning for monitoring the patients' data, communication for fulfilling the needs
- online creative participation has been enhanced if the company adopts digital communication and collaboration (Literat and Glaveanu, 2018)
- Digital communication is distinct from other communications as it is more interactive, more centralised and more hierarchical (<https://powell-software.com>, 2023)
- Effective digital communication is achieved when the energy and creativity is the same if you were face-to-face (<https://node4.co.uk/our-services/collaboration/>).

Different methods of digital communication, collaboration and participation during COVID-19

- For example, application of digital tools such as health IT involving electronic health records, computerised order entry, and the clinical decision in the hospital
- Software-as-a-solution (SaaS) platforms have to be used for digital collaboration practices adopted by GPs in the UK
- The business has to focus on the digital training program through NHS apps video apps to enhance the digital skills of the health and social caregivers for digital collaboration in the workplace
- GPs and hospitals already use Zoom and Microsoft Teams for digital communication with patients and organising the online training program through Referrals and e-referrals, e-consult prescriptions

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Thank
You



The use of contemporary technology in
healthcare diagnostic, administrative
and care support

Digital skills and research methods

LSHS4002

Koushik Moudak

Amitave Banik

Student ID 2235075

Princess Meg Njimogun



Overview

- What is contemporary technology?
- Discussing Artificial intelligence and Telemedicine, including benefits
- Conclusion
- References

What is contemporary technology?

- Technology that is part of our day-to-day life's
- **Common examples**, email communication, video calls, chat applications.
- **Health care examples**
 - Artificial intelligence
 - Telemedicine
 - Cloud computing
 - Virtual reality

Artificial intelligence

- An advanced computerized system that supports medicine
- Perform large accurate scans for mass disease detection.
- **Benefits**
- Diagnose early breast cancer
- Creates early cures
- Carries out unskilled manual medical work



Telemedicine

- Tech that allows virtual treatment and diagnostics.
- **Benefits**
- Time and money for in person treatment saved
- Encourages patients to be more comfortable with technology

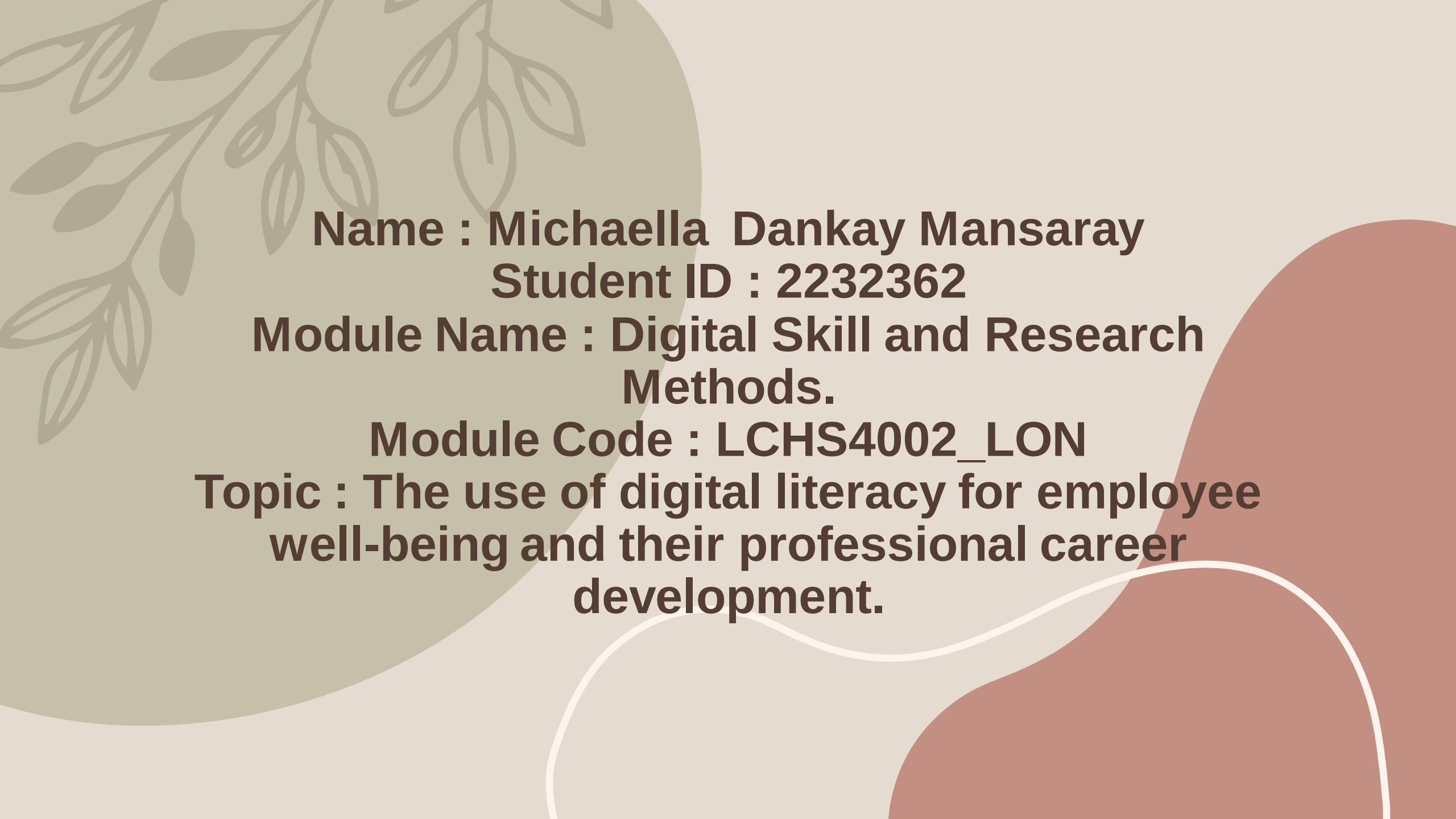


Conclusion

- Contemporary technology offers a bright light for medicine going forward.
- We can create better cures for illness at a much quicker rate and treat patients remotely.
- But there is the issues of cost and job availability.
- If it isn't overpriced for the public, and it doesn't reduce job availability(computerised systems replacing human employees), then it does have a place.

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Student ID : 2232362

**Module Name : Digital Skill and Research
Methods.**

Module Code : LCHS4002_LON

**Topic : The use of digital literacy for employee
well-being and their professional career
development.**



Overview

- Digital Literacy
- The benefit of digital literacy for employee's well-being and professional development in the health care system.
- Conclusion
- References

Digital Literacy

Digital literacy is the understanding of technology in order to search, process, share or store data. (Elisa Montes, 2021) e.g.

- Emails
- Microsoft 360
- iCloud
- Google Search
- Teams



The use of digital literacy for employee's well-being and professional development in the health care system.

Employees in the healthcare sector are now implementing digital literacy to ease their workload, work more efficiently and save time. Using digital tools like NHS GP online, electronic prescriptions and online administrative services.

Healthcare professional have also been using digital literacy to advance their career. They use digital services like E-learning to do short term courses when going for promotion. They use research publication to further their knowledge in their field of work.

Conclusion

- In conclusion the use of digital literacy has helped employee in the healthcare sector reduce workload and maximise their use of time. They've being able to reach more care service users and excel in their professional field.

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Thank you

Name: Tracy Cosmos

Student ID: 2118448

Lecturer: Amitave Banik

Module: Digital Skills & Research
Methods

Introduction

Technical proficiency – ability to apply technical knowledge and skills required in professional job role to achieve expected results.

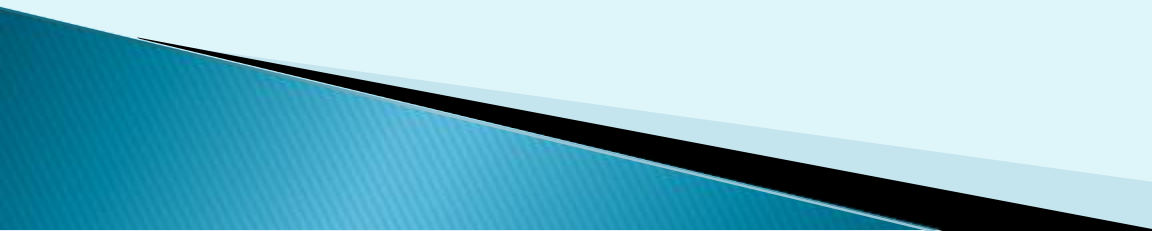
Data handling is a necessity for almost all science related professions.

Relevance of Technical Proficiency for data and information handling

In the healthcare industry, an individual with technical proficiency will be able to find different methods to accumulate information and data for their sector.

Tools, apps such as Microsoft Excel and Microsoft Cloud for Healthcare are essential in gathering information and data handling.

As technology is moving forward, so should we, for better outcomes.



Conclusion

- ▶ In conclusion, technical proficiency is relevant in data and information handling because without it, healthcare wouldn't be the same. It is needed especially in this modern age as technology is advancing.

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