

INTRODUCING

1-4. MIRELA FILIPOUA 2114282

ON: THE USE OF COMTEMPOTARY TECHNOLOGY IN HEALTHCARE (DIAGNOSTIC, ADMINISTRATIVE AND CARE SUPPORT) AND DIGITAL IDENTITY, WELL-BEING AND SAFETY.

2. JULIETTE BRYAN 2115262

NO: THE USE OF TECHNOLOGY DURING COVID 19 AND FRONT COVER.

3-5. JOSEPH 'O' UHUNMWANGHO 2030892

ON: THE USE OF DIGITAL COMMUNICATION, COLLABORATION, AND PARTICIPATION AND THE USE OF DIGITAL LITERACY FOR EMPLOYEE WELL-BEING AND THEIR PROFESSIONAL CAREER DEVELOPMENT (TEACHING, E-LEARNING AND SELF DEVELOPMENT).

MARCO DAVID SABATINO 2114108

5. ON: THE RELEVANCE OF TECHNICAL PROFICIENCY FOR DATA AND INFORMATION HANDLING AND CONCLUSION.

LECTURER
JOY BOTU

THE USE OF
CONTEMPORARY
TECHNOLOGY IN
HEALTHCARE
(DIAGNOSTIC,
ADMINISTRATIVE
AND CARE
SUPPORT) AND
DIGITAL IDENTITY,
WELL-BEING AND
SAFETY



MRI (MAGNETIC RESONANCE IMAGING)

- MAGNETIC RESONANCE IMAGING (MRI) IS A NON-INVASIVE IMAGING TECHNOLOGY THAT PRODUCES THREE-DIMENSIONAL IMAGES OF THE HUMAN ANATOMY. IT IS WIDELY USED TO IDENTIFY, DIAGNOSE, AND FOLLOW THE PROGRESSION OF DISEASES.
- IT IS BASED ON CUTTING-EDGE TECHNOLOGY THAT EXCITES AND DETECTS CHANGES IN THE ROTATIONAL AXIS OF PROTONS IN BIOLOGICAL TISSUES WATER (NATIONAL INSTITUTE OF BIOMEDICAL IMAGING AND BIOENGINEERING, 2021).

DIGITAL IDENTITY

- THE ABILITY TO DETECT AND RESPOND TO DIGITAL CONDITIONS AND EVENTS THAT COULD PUT AT RISK PERSONAL, PROFESSIONAL, OR ORGANISATIONAL SECURITY. IN AIN BRIEF ,DIGITAL IDENTITIES ARE THE TOOLS WE USE TO SHOW WE ARE WHO WE CLAIM WE ARE ONLINE (DIGITAL IDENTITY AND WELLBEING, 2021).
- DIGITAL SIGNATURE.
- ELECTRONIC DATA VERIFICATION.
- USERNAME AND PASS.

WELL-BEING

- IN DIGITAL ENVIRONMENTS, THE ABILITY TO LOOK AFTER ONE'S PERSONAL HEALTH, SAFETY, RELATIONSHIPS, AND WORK-LIFE BALANCE. MAINTAIN PERSONAL HEALTH, SAFETY, RELATIONSHIPS, AND WORK-LIFE BALANCE IN THE DIGITAL WORKPLACE; TEACH LEARNERS HOW TO DO SO (JAIN, A. ET AL., 2021).

SAFETY

- THE LINK BETWEEN WORK, HEALTH, SAFETY, AND WELL-BEING IS THE EMPHASIS OF THIS CHAPTER. BOTH THE WORK ENVIRONMENT AND THE KIND OF JOB HAVE A SIGNIFICANT IMPACT ON ONE'S HEALTH, SAFETY, AND WELL-BEING (HSW) (VALLEE, P., 2021).

THE USE OF TECHNOLOGY DURING COVID 19

- TRACK AND TRACE
- THE MILLENNIUM SYSTEM
- SOCIAL MEDIA



TRACK AND TRACE

- SIGNING IN AT PUBS AND RESTAURANTS.
- IF YOU HAVE SYMPTOMS OF COVID 19.
- IF YOU HAVE BEEN IN CLOSE CONTACT WITH SOMEONE WHO HAS COVID 19.
- TO ALERT AND QUICKLY TRACK DOWN ANYONE WHO MAY HAVE BEEN INFECTED.

THE MILLENNIUM SYSTEM

- SMARTPHONE APP.
- RECORD SYMPTOMS.
- KEEPING TRACE.
- BLUETOOTH OPERATED.

SOCIAL MEDIA

- FACE TIME.
- TWITTER.
- FACEBOOK.
- GOOGLE CLASSROOM.
- ZOOM.
- EMAIL.

THE USE OF DIGITAL
COMMUNICATION,
COLLABORATION,
AND PARTICIPATION
AND THE USE OF
DIGITAL LITERACY
FOR EMPLOYEE
WELL-BEING AND
THEIR
PROFESSIONAL
CAREER
DEVELOPMENT
(TEACHING, E-
LEARNING AND SELF
DEVELOPMENT)



OVERVIEW

- THE USE OF DIGITAL COMMUNICATION, COLLABORATION ,AND PARTICIPATION
- AND THE USE OF DIGITAL LITERACY FOR EMPLOYEE WELL-BEING AND THEIR PROFESSIONAL CAREER DEVELOPMENT[TEACHING , E-LEARNING AND SELF- DEVELOPMENT].
- CONCLUSION. • REFERENCES

DIGITAL COMMUNICATION

- DIGITAL COMMUNICATION IS THE SENDING AND RECEIVING INFORMATION ELECTRONICALLY, SUCH AS TEXT-BASED FORUMS, ONLINE VIDEO AND AUDIO, AND SOCIAL MEDIA.
- DIGITAL COMMUNICATIONS SUPPORT LEARNING THROUGH WEBINARS, TUTORIALS, ONLINE LECTURES, EMAIL, CHAT. ETC.
- DIGITAL COMMUNICATION IS THE FASTEST MEANS OF COMMUNICATION.
 - LESS EXPENSIVE. FROM ANALOG TO DIGITALISED MODE OF COMMUNICATION.

DIGITAL COLLABORATION

- DIGITAL COLLABORATION IS USUALLY THE PRACTICE OF TWO OR MORE PEOPLE OR ORGANISATIONS WORKING TOGETHER ONLINE TO COMPLETE A TASK OR ACHIEVE A GOAL.
- THE GROUP MEMBERS RELY ON DIGITAL TOOLS [SOFTWARE] TO SOLVE THEIR PROBLEMS TO ACHIEVE THEIR DESIRED GOALS.
- THE LEARNERS ADEQUATELY COLLABORATE, USING SHARED DIGITAL TOOLS , MEDIA ACROSS CULTURAL, SOCIAL AND LINGUISTIC BOUNDARIES.

DIGITAL PARTICIPATION

- PARTICIPATE ACTIVELY IN SOCIAL MEDIA RELEVANT TO THEIR PROFESSIONAL ROLE AND INTERESTS
- THEY SHARE LEARNING AND TEACHING MATERIALS TO FACILITATE IN BUILDING DIGITAL NETWORKS
- THE SECURITY SAFEGUARDING ENCOURAGE GROUP MEMBERS TO FOLLOW THE PRINCIPLE OF OPERATION.
- THE PARTICIPANT ARE CAUTION OF THE FACT THAT MESSAGES ACROSS NETWORKS INFLUENCE SOCIAL BEHAVIOUR.

THE IMPORTANCE OF DIGITAL LITERACY

- IT BOOST ONLINE LEARNING THROUGH THE INTERNET AND SELF LEARNING LINK TO EDUCATIONAL INSTITUTION AND PROFESSIONAL CAREER.
- DIGITAL LITERATE EMPLOYEE ARE CONFIDENT USING DIGITAL TOOLS.
THE EMPLOYEE BECOME EFFECTIVELY IN COLLABORATE WITH DIGITALISED WORLD *DIGITAL LITERACY REDUCES THE USE OF AUTOMATION IN WORKPLACE [HEALTH CARE].
- IT EVALUATE INFORMATION, THROUGH VARIOUS SOURCES USING CRITICAL THINKING BEFORE CONCLUSION.

THE RELEVANCE OF TECHNICAL PROFICIENCY FOR DATA AND INFORMATION HANDLING IN THE HEALTH AND SOCIAL CARE SECTOR

(DATA
MANAGEMENT
SKILLS)



WHAT IS HEALTH DATA MANAGEMENT?

THE CATEGORIZATION OF DIGITALIZED DATA MADE IN ORDER TO SIGNIFICANTLY IMPROVE:

- THE **HEALTHCARE SISTEM**
- THE **HELP PROVIDED** TO THE PATIENTS

WHY IS IT VITAL?

- POSSIBLE **IMPROVEMENT** OF HEALTHCARE.
- BETTER **BUSINESS DECISION** REGARDING HEALTHCARE.
- BETTER **PATIENT PROFILING**.
- BETTER **PREDICTIONS**.
- BETTER PROTECTION OF **PERSONAL INFORMATION**.

HOW TO MANAGE HEALTH DATA?

- USING ELECTRONIC DEVICES (E.G. **EMR** OR **EHR**).
- **MOBILE APPS** FOR PATIENTS (specially during the pandemic).
- USING **SOCIAL MEDIA** TO STAY IN TOUCH WITH HEALTHCARE PROVIDERS

WHAT ARE THE DIFFICULTIES?

- CONSTANT **CHANGE** OF DATA.
- THREATS TO PERSONAL DATA (**CYBER ATTACKS**).
- DATA MUST BE EFFICIENTLY **ORGANIZED**.

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