

How do students use technology to collaborate at UWTSD ?

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What digital tool do students at UWTSD most use to collaborate together ?

- What is collaboration?
- " Collaboration Is the act of working together with other people or organisations to create or achieve something "



COLLABORATION



TEAMWORK

Digital Tools - are programs, websites or online resources that can make tasks easier to complete.



Which one
do students
use most
when
collaborating
together ?



Rationale

To better understand ' which digital tool students at UWTSD use most to collaborate together we:

- Searched 2 academic databases
- Conducted citation searches
- Identified 10 articles
- Discovered that 4 were fully relevant to our research question

All the articles relate to

- Collaboration
- Digital Tools
- Students in Higher Education

1 article relates directly to Microsoft Teams and another to WhatsApp

We Discovered

- That Microsoft Teams is a productive platform for collaboration
- It is both easy to use and more useful than other collaboration tools
- Seamless and supports a variety of collaboration modes within one platform

WE also learned that most students indicated that the most common collaboration tools were group texting or group chat, file sharing and . collaborative authoring. Phone calls and emails were rarely used (Buchal and Songsore 2019)

We also discovered that to a large extent WhatsApp engenders collaborative learning among undergraduates. (Udenze and Oshionebo 2020).

However

- there is a need for lecturers to see WhatsApp as an educational platform
- Training is needed for students on the use of social media for learning
- Lecturers should be trained on the possibilities of social media within education

The choice and use of communication tools is related to the development of reciprocity, mutual trust and shared goals. (Timmis et.al.,2010)

We feel that there are many reasons that students use different digital tools, including their experience level and knowledge/instruction as well as economic and social reasons.

Digital Technology is rapidly growing, and online collaboration is fast becoming the new normal and it's a global affair. There is a need to understand what digital tools students use the most to collaborate because cooperative learning enhances all student's performance.

Proposed Method



The research for this study will be done through the use of a questionnaire that we will create on Ms Forms.



The research methods will be both primary and quantitative, and we will use convenience sampling



The survey questions will investigate which digital tools students at UWTSD use most to collaborate together

(Sanders 2019)

All of the participants of the survey will be sent the survey via their student email and will be asked to fill it out anonymously within a specific timescale

The participants involved in the research will include both male and female with ages ranging from 20 to 48 university students they will have different levels of experience using technology

All participants will be currently enrolled at UWTSD Birmingham campus, Quay place



All students will be asked the same questions, The questions will be a mix of closed, Likert scale & Rank order questions.



There will be 7 questions in the survey and the participants will fill in the questionnaire and it will be returned via student email.



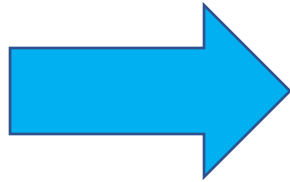
The research questions and results will be analysed once returned



We will search for consistency in the response of the participants answers and if we find consistency will be able to form a conclusion

Ethical Considerations

Applying
to
working
with the
participa
nts



Integrity, Fairness
and Open
mindedness

Privacy of those
taking part

Respect for others

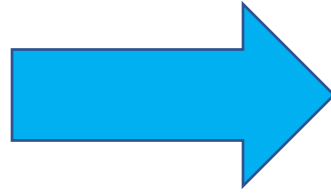
Voluntary nature of
participation and
right to withdraw

Avoidance of harm

Informed consent
of those taking part

(Sanders 2019)

Applying
to how
data is
stored
and
analysed
:



Ensuring
confidentiality of data



Accurate analysis and
reporting of data



Uphold data
protection laws

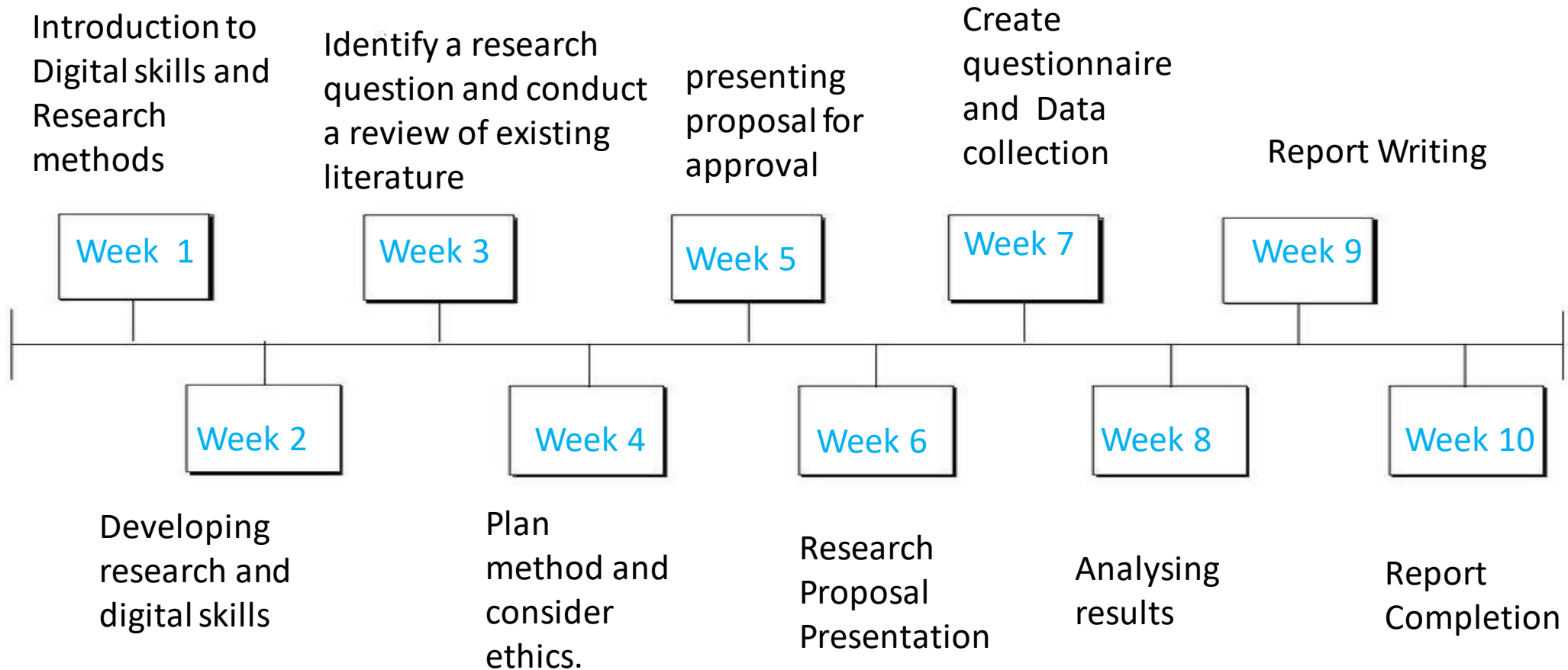


Ensure the safety of
the researcher

(Sanders 2019)

Research

Timeline



Our Hypothesis

- We feel that our research will demonstrate that students use WhatsApp more to verbally collaborate, its quick and easy and installed on their phones which is usually on their person and is a habitually used digital tool.
- However, that to work on projects, that they will use the Microsoft Teams platform.

Reference List

Buchal, R. and Songsore, E., 2019. Using Microsoft Teams to Support collaborative knowledge building in the context of sustainability assessment. *Proceedings of the Canadian Engineering Education Association (CEEAA)*.

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