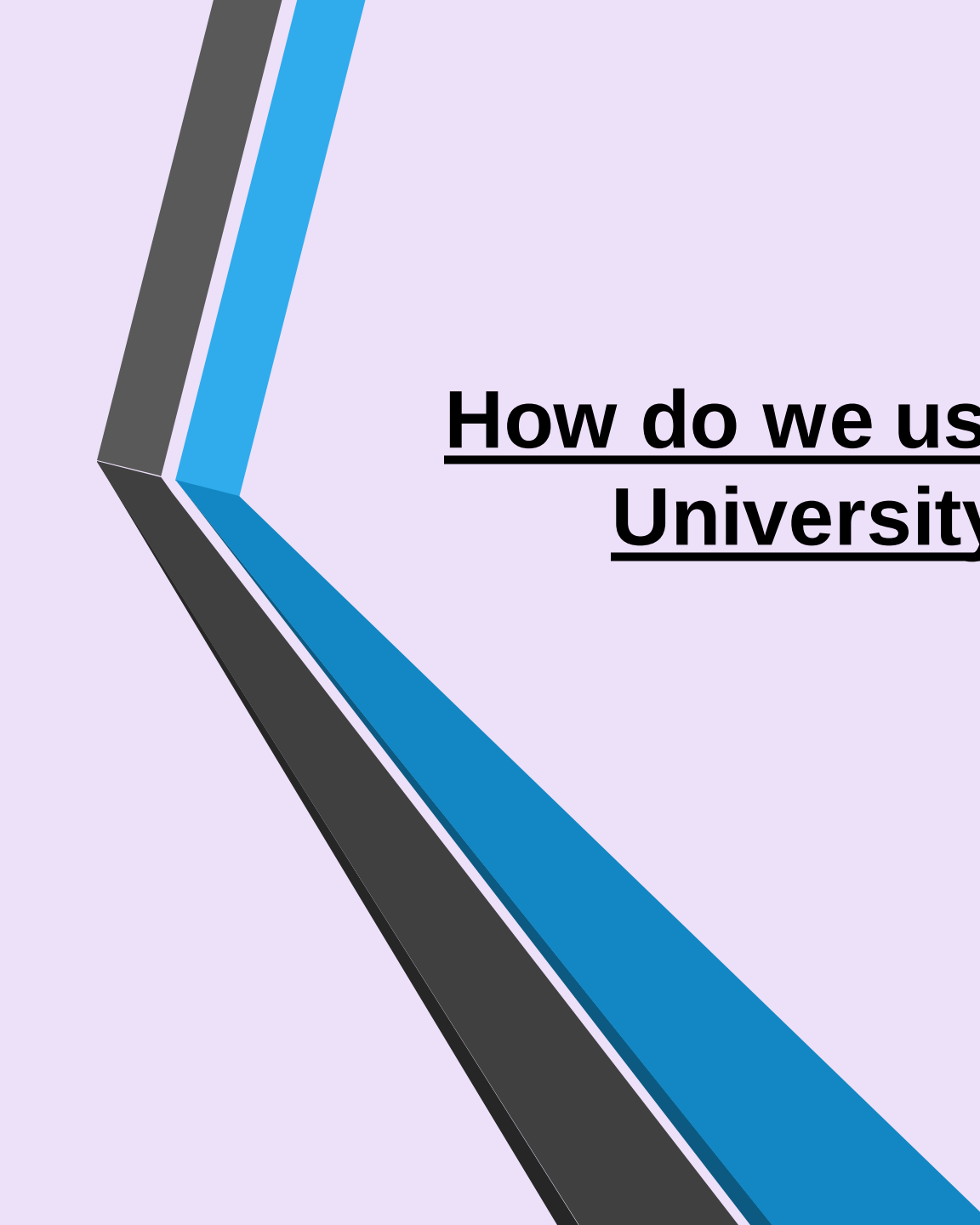




How do we use technology to collaborate at University of Wales Trinity Saint David?

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Introduction

As a group, we will be researching how we use technology to collaborate at University of Wales Trinity Saint David and how staff and students feel overall collaborating using technology.

It is important to know how confident staff and students are feeling as:

- Technology is more common nowadays
- It can affect the way of learning if they are not confident
- Preferences

It is relevant to do this as we can carry out different ways of collecting data and come to an overall conclusion in this research.

Our chosen research question is:

Are staff and students confident in using technology to collaborate?

Rationale

Recently, due to the pandemic, we believe that staff and students are collaborating online which is causing applications like Zoom to have a significant 'boom'.

In 'May 2020, Zoom was seeing 200 million daily meeting participants.' (Iqbal, M., 2022).

This suggests that many people were using this as a source of information and still are as (Iqbal, M., 2022) also stated 'this figure had risen to 300 million'.

The use of technology in the classroom can be very beneficial as 'students can find their own stride within education' (*How technology can increase collaboration in the classroom* – Study international, 2022).

Most students cannot digest information quickly, therefore being able to read presentation slides after class will benefit them and the teacher will use less time re-capping previous lessons.

'An interactive approach allows students to take an active role in their education'. (*9 Ways that Technology Boosts Student Confidence in the Classroom* – The Tech Edvocate, 2022).

Tasks can be assigned on an individual basis, for example, the teacher may be concerned about the reading skills of a particular student, so a certain game may be their set homework, whereas another student can be poor at mathematics and a different homework can be set on that basis.

Proposed Method

The way we will carry out this research is by using MS forms to conduct a questionnaire or survey that the chosen target audience can voluntarily take.

The questions that will be asked will include:

- **Closed questions** (yes or no answers) - for example: *(Do you feel confident in using MS teams to work with your peers or colleagues? Yes or No)*
- **Rank order questions** – for example:

Rank these applications according to how confident you feel using them on the OneDrive

MS PowerPoint
MS Word
MS Excel

The recommended target audience for this survey are staff and students that work or study at the university.

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Ethical Considerations

'Ethical considerations are values' that anybody should go by whilst collecting any data. (Bhasin, 2020).

An example of an ethical consideration is ensuring that any data you collect from your proposal method is kept confidential.

Our group will ensure that any information we collect and analyse will be in an ethical manner.

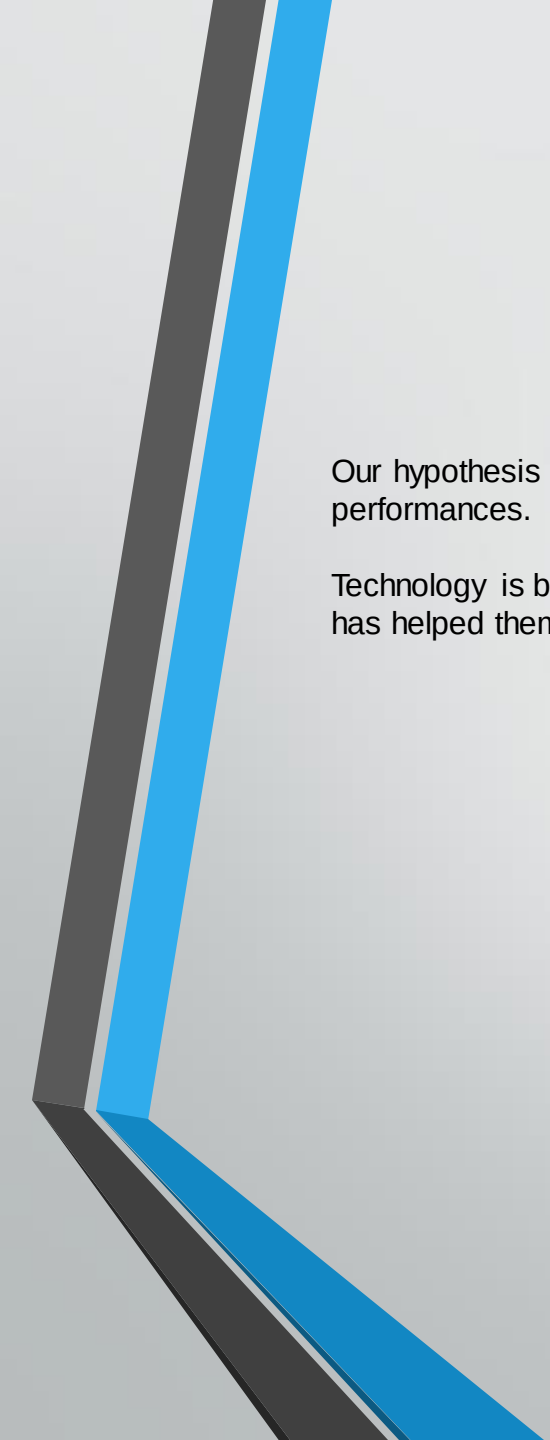
An example of this is to target people that are 18 years old and over, students and to keep it anonymous.

Another ethical consideration that we will go by whilst collecting our data is to ask for consent before continuing with our proposed method.

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Research timeline

Week 3	Week 4	Week 5	Week 6	Week 7	Week 8
Identify a research question and conduct a review of existing literature.	Plan research method and consider ethics. (18+, anonymous, students) Use MS Forms to create a Survey.	Continuing with creating a proposed method for our research.	Presenting our proposal for approval.	Collecting data through our proposed method.	Analysing data individually and writing up a report with discussions and a conclusion.



Hypothesis

Our hypothesis is that students and staff are confident in using technology to collaborate as technology has had a vast impact on their performances.

Technology is beneficial and has helped staff and students to improve their studies, learning and teaching methods, collection of information and it has helped them to become more knowledgeable.

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References

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