DIGITAL TECHNOLOGIES AND AI IN LANGUAGE LEARNING

Weronika Franczak
Wiktoria Kapusta
Andriana Rii
Aleksander Chojnowski
Jan Pogłód

Language learning is important in a globalised world.

We implement new technologies to the language learning methods.

DIGITAL TOOLS FOR
LANGUAGE LEARNING

OVERVIEW

LEARNING APPS

1. Duolingo
2. Babbel
3. Busuu
4. Diki
5. BeeSpeaker
6. Ewa
7. Memrise
8. Falou
9. Quizlet
10. Rosetta Stone

ONLINE PLATFORMS

1. Loecsen
2. ChatGPT
3. Lingq
4. FluentU
5. Italki
6. Preply
7. Virbling
8. Menimeter
9. Quizz
10. Cambly

SOFTWARE

Language assistants:

1. Amazon Alexa
2. Apple Siri
3. Google Assistant

Virtual Reality apps:

1. Mondly VR
2. VR Languagesi
3. HelloTalk AR

FEATURES

INTERACTIVE LESSONS

GAMIFICATION ELEMENTS

PERSONALISED LEARNING PATHWAYS

ARTIFICIAL INTELLIGENCE IN LANGUAGE LEARNING

SPEECH RECOGNITION

LANGUAGE TRANSLATION

ALGORITHMS

ADVANTAGES OF DIGITAL TECHNOLOGIES AND AI IN LANGUAGE LEARNING

ACCESSIBILITY

PERSONALIZATION

INTERACTIVE LEARNING

CHALLENGES AND CONSIDERATIONS

- PRIVACY CONCERNS
- ACCESS TO TECHNOLOGY
- DIGITAL DIVIDE ISSUES

CASE STUDIES

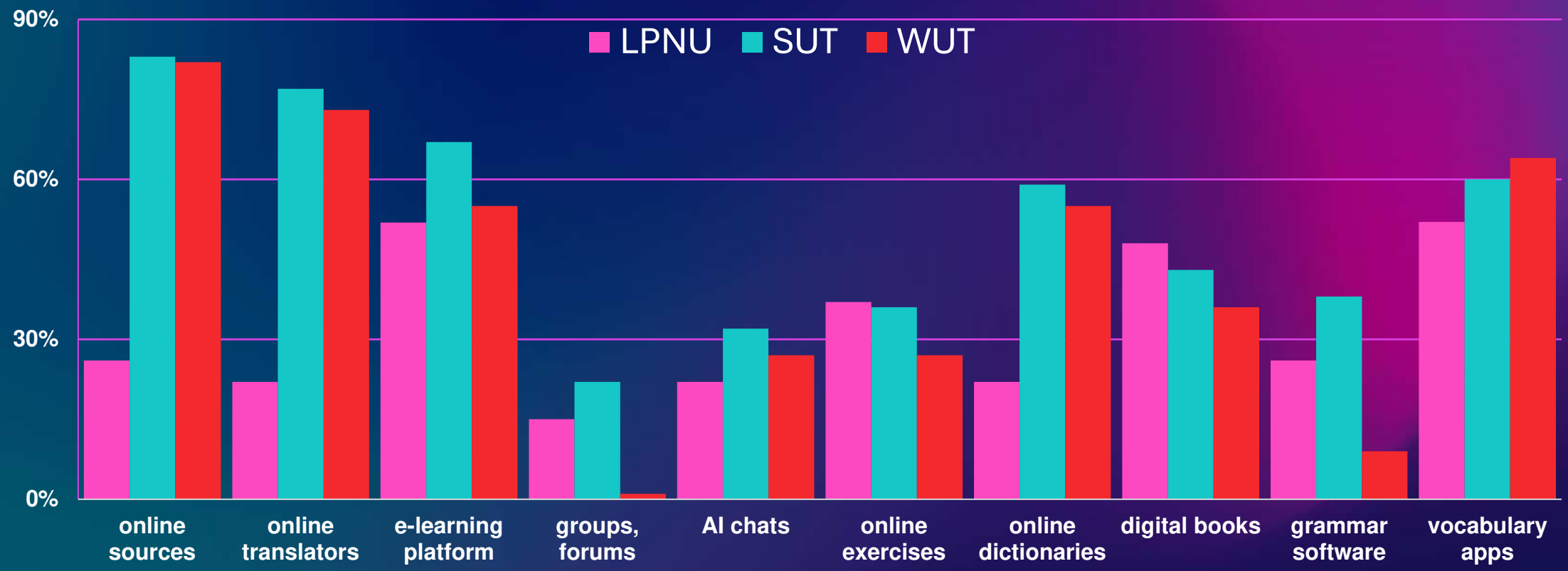
SURVEYS

LVIV POLYTECHNIC NATIONAL UNIVERSITY

SILESIAN UNIVERSITY OF TECHNOLOGY

WARSAW UNIVERSITY OF TECHNOLOGY

DIGITAL TECHNOLOGIES USED BY STUDENTS



REASONS FOR USING TECHNOLOGIES

- convenience
- quick access to information
- flexibility with time and place
- easy access (free of charge)

LANGUAGE LEARNING APPS

duolingo

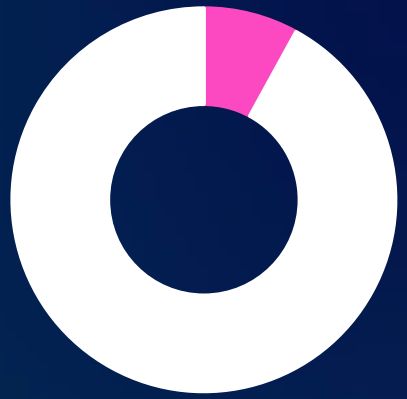
MEMRISE

Quizlet

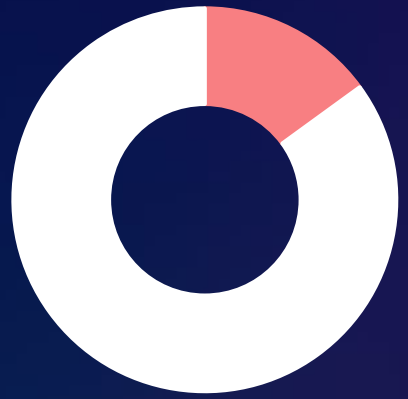
+Babbel

Busuu

WRONGLY CHOSEN AS AI BY STUDENTS



APP'S INTERFACE



ACHIEVEMENTS

DATABASE ACCESS

ATTITUDE

STUDENTS AGREE

- I feel productive
- I feel progres
- You learn but not much
- Apps are easier than traditional methods
- I learn how to write, read and listen

STUDENTS DISAGREE

- The app is enough to master the language
- Apps can replace textbooxs and teachers
- I can learn more and faster
- Apps waste time
- Apps develop all language skills

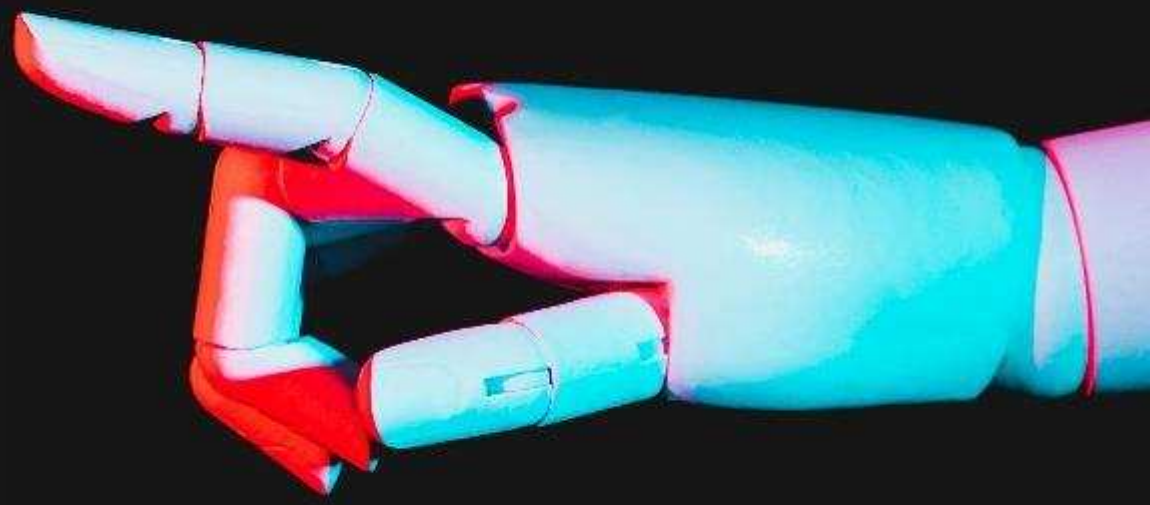
STUDENTS STRONGLY DISAGREE

- I feel productive
- Apps can replace teachers and contact with native speakers
- Apps develop all language skills
- Apps can make me fluent

CONCLUSION

Students like using digital technologies.

Digital technologies are not enough to learn a language well.



THANK YOU