A THESIS

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Magister Program in Language Education



MAGISTER PROGRAM IN LANGUAGE EDUCATION

FACULTY OF TEACHER TRAINING AND EDUCATION

SRIWIJAYA UNIVERSITY

PALEMBANG

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DECLARATION

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Hereby certify that the thesis entitled **"Investigating Pre-Service Teachers' Perceptions and Collaborative Dynamics in Podcast Creation: A Case Study of English Education at Sriwijaya University"** is my original work. I affirm that I have not committed any form of plagiarism or inappropriate citation in violation of the ethical standards and regulations outlined in the Ministry of Education of the Republic of Indonesia Regulation Number 17, 2010, regarding plagiarism in higher education.

I fully understand and accept the consequences, including the possibility of legal action, if any violation of these ethical principles is discovered in my work.

Palembang, December 24, 2024 The Undersigned,



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DEDICATION

With deep gratitude and endless love, I dedicate this thesis to those who have always been by my side at every step of my journey...

My parents

Wasil and Yusnita, who have never tired of offering support and prayers.

My grandmother

Sopiah, who has continuously prayed for me with sincere devotion.

My sister

Ismirani, who has always been an encourager and loyal companion on this journey.

My success in completing this academic journey is the result of their love, sacrifices, and unwavering prayers, which have faithfully supported me in facing every challenge. This thesis is a true reflection of their steadfast love and support

MOTTO

"Where there is a will, there is a way"

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Palembang, December 24, 2024 The Writer

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ABSTRACT

Integrating technology is essential for preparing future educators. Podcasting, especially in English education, enhances learning by developing communication, collaboration, and problem-solving skills. It engages learners, fosters creativity, and promotes active participation. Understanding pre-service teachers' experiences with podcast creation is key to optimizing its use in teacher education. This study investigates pre-service teachers' perceptions and collaborative dynamics in podcast creation within the context of English language education at Sriwijaya University. The research aims to explore how integrating technology through podcasting influences the pedagogical practices of pre-service teachers, enhances their communication skills, and fosters collaborative learning environments. Utilizing a quantitative survey design, data were collected from 113 students across various semesters, employing a structured questionnaire comprising 60 items. Findings reveal that pre-service teachers view technology integration as a transformative approach that enriches English language education, enhances their confidence in utilizing digital tools, and promotes student engagement. Collaborative podcast creation significantly improves their communication skills, teamwork, and problem-solving abilities, despite challenges such as scheduling conflicts and technical issues. The study concludes that podcasting not only prepares pre-service teachers for future educational challenges but also cultivates essential skills for their professional development. Suggestions are provided for lecturers, pre-service teachers, educational institutions, and researchers to optimize the integration of such innovative practices into teacher education programs.

Keywords: Podcast creation, Technology integration, Collaborative learning

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CHAPTER I INTRODUCTION

This chapter discusses: (1) background of study, (2) problem of study, (3) objective of study, and (4) significance of study

1.1 Background of Study

In the current digital era, technological advancements have significantly impacted education, particularly in the development of communication skills. Digital technologies are now essential due to the globalization of education. Digital technology is an extremely useful tool that may enhance education in a number of ways, including by making it simpler for teachers to create lesson plans and by offering new opportunities for people to learn and work together (Haleem et al., 2022). Mobile technologies have become popular devices in recent years, not only as tools of communication but also as tools of teaching and learning (Ginting, 2019). Moreover, the integration of technology is expected to play a supportive role in the overall learning process, providing learners with valuable tools and resources.

English language education has undergone significant changes in line with the development of technology and current learning trends. Srivani et al. (2022) discuss the implications of Education 4.0 in enhancing English language skills, emphasizing that modern technologies foster positive attitudes and critical thinking among learners, thereby reshaping the educational landscape for English language instruction. Similarly, Opeifa et al. (2022) reports that English language teachers in Nigerian secondary schools have positive perceptions of using technology in teaching oral English, indicating a shift towards integrating technological tools in language education. Constantinou (2024) highlights the role of English in promoting employability skills in a multilingual context, reinforcing the need for educators to adapt to technological advancements in language teaching. Guo and Zeng (2023) emphasize that digital technologies, including big data and artificial intelligence, have revolutionized foreign language teaching, enhancing the quality and accessibility of language education. In conclusion, English language education has significantly evolved in response to technological advancements and contemporary learning trends.

Despite a lot of research has been done on the use of digital tools like podcasts in the classroom, there is a clear research gap when it comes to the effects of podcasts made by pre-service teachers in the context of collaborative learning. Instead of examining how future educators' active creation of podcasts can impact their own learning and teaching practices, the work currently in publication tends to concentrate more on the use of podcasts as passive learning materials. This disparity is especially noticeable when it comes to university English instruction, where group projects are crucial to the development of critical teaching abilities. In order to close this gap, the current study examines how pre-service teachers at Sriwijaya University's podcast creation process influences their pedagogical growth as well as their capacity to promote a collaborative learning environment.

In the context of English teaching at Sriwijaya University, this study offers a fresh viewpoint by investigating the effects of podcast creation as an active learning approach within a collaborative framework among pre-service teachers. This study presents the act of podcast creation as a pedagogical approach that not only enhances collaborative learning but also fosters the development of critical teaching skills among pre-service teachers. This is in contrast to previous research, which frequently views podcasts as supplemental learning tools. This research provides fresh insights into the relationship between digital literacy, teacher preparation, and collaborative pedagogy by concentrating on the ways that the collaborative creation of podcasts impacts the creators as well as their peers. It is expected that the results will make significant contributions to advanced instructional strategies and the incorporation of technology into teacher preparation courses.

In the era of globalization, the role of English in education has evolved significantly, with many educational systems worldwide prioritizing English language instruction as a critical component of their curricula. Lan (2024) emphasizes that the global prevalence of English necessitates its inclusion in educational frameworks, particularly in primary and secondary education, to prepare students for a competitive global landscape. This sentiment is echoed by Chen et al. (2021), who argue that teacher education must adapt to incorporate global English, ensuring that future educators are equipped to teach English effectively in diverse contexts. The integration of English into educational policies reflects a broader recognition of its importance in fostering intercultural competence and enhancing employability in a globalized job market (Ruiz et al., 2024; Yang, 2023). Furthermore, with the help of developing technology, English has been playing a major role in many sectors including medicine, engineering, and education (Dash, 2022). Therefore, English is very important to be learn.

Podcasting is one of interesting and innovative way for learning English. One significant contribution comes from Saragih et al. (2022), who investigated the influence of podcasts on improving listening skills among senior high school students. Their findings indicate that podcasts play a crucial role in teaching English as a foreign language, benefiting learners at various proficiency levels. The authors emphasize that podcasts can enhance the English learning process, making them a valuable educational tool. Chaves-Yuste and de-la Peña (2023) also contributed to this discourse by demonstrating that podcasts improve English language proficiency in EFL classrooms. Their data indicated that podcast usage led to enhancements in listening and speaking skills, further validating the effectiveness of podcasts as a learning tool. Furthermore, podcasts are beneficial learning tools that facilitate vocabulary acquisition and enhance listening skills. The study supports the idea that podcasts allow for flexible learning opportunities, enabling students to learn at their own pace and convenience (Ghoorchaei et al., 2021). Additionally, podcasts serve as authentic materials that significantly assist learners in developing their listening skills. The findings suggest that podcasts provide a dynamic and engaging way to access language learning resources, reinforcing the convenience and effectiveness of this medium (Cao & Bui, 2023). This emphasizes that podcasts provide a variety of materials that can support EFL learning activities.

Moreover, pre-service teachers possess significant potential to influence the future of education, particularly through collaborative projects such as podcast creation. Engaging in such projects not only equips them with practical experience in utilizing technology but also encourages innovative methods of delivering instructional content. Chen et al. (2022) examined how pre-service teachers' behaviors affected their innovations in lesson designs during co-design activities, highlighting the importance of preparing pre-service teachers for instructional innovation with ICT. Similarly, Enriques et al. (2023) emphasize that podcasts serve as a versatile educational tool, enabling students to learn at their own pace while sharing resources with peers, thus enhancing their engagement and learning outcomes. The integration of Information and Communication Technology (ICT) in education has been shown to significantly impact student learning outcomes. This aligns with the findings of Islamov et al. (2020), who note that ICT fosters collaborative learning environments, allowing students to share diverse experiences and take control of their learning. Moreover, the dynamics of collaboration in projects like podcast creation can provide valuable insights into effective integration of collaborative learning within the English education curriculum. Voytecki and Anderson (2021) discuss the importance of conspicuous collaboration in teacher education, suggesting that observing collaborative efforts can clarify the benefits and processes involved in teamwork. This perspective is supported by Jain and Alam (2021), who highlight that ICT-enabled applications promote collaborative learning and enhance the overall educational experience. Thus, investigating how pre-service teachers collaborate in such projects can yield significant insights into their interpersonal skills and ability to work effectively as part of a team. In summary, collaborative projects like podcast creation not only enhance pre-service teachers' technological skills but also foster critical thinking and collaboration, which are essential for their future roles in education. The integration of ICT in these projects provides a rich platform for developing innovative teaching strategies that can significantly impact student learning outcomes.

After conducting preliminary interviews with prospective teachers from Sriwijaya University who developed podcasts as part of their semester-end projects, intriguing findings surfaced. The students revealed that their primary motivation was to hone the communication skills required in the field and create a more interactive learning experience. In the process of creating podcasts, the majority of participants expressed enthusiasm for the use of this technology as a tool for learning English. However, challenges also surfaced, particularly regarding the limitations of technology access in the learning environment. Some students faced difficulties in overcoming these constraints, and there was confusion in selecting podcast content that aligned with the English curriculum. Nevertheless, the results indicated that the positive response from fellow students, who served as the audience for their podcasts, provided a boost of positivity and personal satisfaction. The importance of integrating podcasts as part of the semester-end projects was acknowledged by students as an opportunity to blend academic knowledge with practical skills relevant to English language learning. These findings offer valuable initial insights for designing curricula that support the development of creative and technological skills for prospective teachers in higher education settings.

Researchers conducted studies on pre-service teachers' perceptions and collaborative dynamics in podcast creation. One notable study by Deda (2023) examined the views of pre-service teachers regarding the use of podcasts in English as a Foreign Language (EFL) contexts. The findings revealed that pre-service teachers had extensive exposure to podcasts and reported positive attitudes towards their use in future teaching, recognizing podcasts as effective tools for enhancing listening and speaking skills. This study underscores the potential of podcasts to foster collaborative learning environments where pre-service teachers can share insights and resources. In a different context, Almendingen et al. (2021) conducted an exploratory study that investigated the use of small group student-produced podcasts as an assignment tool in interprofessional learning. This research involved students from teacher education, health, and social care programs, and it highlighted how collaborative podcast creation can enhance communication skills and foster teamwork among pre-service teachers. The study found that students appreciated the collaborative aspect of podcasting, which allowed them to engage with real-life scenarios and learn from one another's perspectives. This aligns with the notion that collaborative projects can significantly enrich the learning experience for preservice teachers.

Furthermore, Ferdiansyah et al. (2023) focused on incorporating cultural content into English language learning through collaborative podcast projects. This study demonstrated that engaging in podcast creation not only improved students' language skills but also enhanced their cultural awareness and collective reflective practices. The collaborative nature of the project encouraged pre-service teachers to work together, share their insights, and reflect on their learning experiences, thereby fostering a sense of community and collaboration. Additionally, Saito & Tangkiengsirisin (2023) explored the perceptions of pre-service EFL teachers towards a training program that integrated online coaching. Their findings indicated that the collaborative dynamics fostered through online platforms, including podcast creation, positively influenced pre-service teachers' readiness to teach and their professional growth. This study emphasizes the importance of collaborative learning experiences in shaping pre-service teachers' perceptions and skills.

Based on the explanation above, the researcher would like to investigate the podcast created by pre-service teacher in collaborative learning at Sriwijaya University.

1.2 Problems of the Study

The problems of the study are formulated in the following questions:

- 1. What are pre-service teachers' perceptions of integrating technology in creating podcast in English language education?
- 2. How does the collaborative creation of podcasts by pre-service teachers impact their communication development skills at Sriwijaya University?
- 3. What are the dynamics of collaboration among pre-service teachers in the creation of podcasts for English education?
- 4. What challenges and benefits do pre-service teachers encounter when collaborating on podcast projects?

1.3 Objectives of the Study

Based on the problem above, the objectives of this study are as follows:

- To investigate pre-service teachers' perceptions of integrating technology in creating podcast in English language education at Sriwijaya University.
- To examine the impact of the collaborative creation of podcasts by preservice teachers on their communication development skills at Sriwijaya University.
- 3. To explore the dynamics of collaboration among pre-service teachers in the creation of podcasts for English education?
- To identify and analyze challenges and benefits experienced by preservice teachers when collaborating on podcast projects for English education at Sriwijaya University.

1.4 Significance of the Study

This study is expected to provide significant importance in the context of the development of English language education, collaborative learning methods, and the utilization of technology in the educational environment at Sriwijaya University Palembang. For lecturers, it is expected that this can provide a comprehensive understanding of the integration of podcasts into English language education through the perspective of pre-service teachers. Lecturers gain insights into the effectiveness of collaborative projects in incorporating innovative tools like podcasts into the curriculum. This knowledge empowers lecturers to adapt their teaching methodologies, ensuring they stay abreast of evolving trends and technology in language education.

For pre-service teachers, this research is expected to enhance their professional development. Engaging in collaborative podcast creation not only provides practical experience with technology but also enhances their ability to creatively deliver educational content. The study offers insights to pre-service teachers regarding the challenges and successes of such projects, fostering adaptability and innovation crucial for their future roles as educators.

In the broader context of English language education, this research is expected to inform curriculum development, instructional strategies, and the integration of technology into language education. English language education stands to benefit from the insights gained, promoting a more dynamic and effective learning environment for students, aligning with the needs and advancements of contemporary education.

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