

**NEEDS ANALYSIS OF ENGLISH FOR SPECIFIC PURPOSES
CLASS FOR FACULTY OF COMPUTER SCIENCE STUDENTS
OF SRIWIJAYA UNIVERSITY**

A THESIS

By

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Language and arts Education Department



FACULTY OF TEACHER TRAINING AND EDUCATION

SRIWIJAYA UNIVERSITY

INDRALAYA

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Pratiwi Sekar Arrum

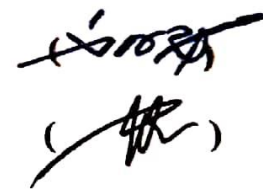
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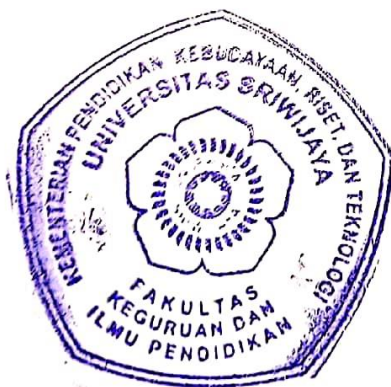
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DECLARATION

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Certify that the thesis entitled "Needs Analysis of English for Specific Purposes Class for Faculty of Computer Science Students of Sriwijaya University" is my own work and I did not do any plagiarism and inappropriate quotation against the ethic and rules commended by Ministry of Education of Republic of Indonesia Number 17, 2010 regarding plagiarism in the higher education. Therefore, I deserve to face court if I found to have plagiarized this work.

Palembang, July 2022

The undersigned



Pratiwi Sekar Arrum

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DEDICATION

This thesis is dedicated to my beloved Parents, Muhammad Suratin and Erni Sunarni,
My brother and sister, Rengganis Tiara Annur and M. Khadafi Alghifari.

Thank you for all the prayer, love, and support you given to me by far.

MOTTO

*For indeed, with hardship [will be] ease. Indeed, with
hardship [will be] ease.*

QS. 94 verse 5-6

*We took a chance, God knows we tried. Yet all along, I
knew we would be fine.*

One Direction

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Palembang, July 2022

The Author



Pratiwi Sekar Arrum

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**NEEDS ANALYSIS OF ENGLISH FOR SPECIFIC PURPOSE CLASS FOR
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ABSTRACT

The needs analysis was created to measure the level of gaps that occur in student learning from what is expected and what has been obtained. This study aimed to (1) find out the institutional needs of the students of Faculty of Computer Science in learning English for Specific Purposes, (2) find out the learning needs of the students of Faculty of Computer Science in learning English for Specific Purposes, and (3) identify the implementation of the institutional needs and students' needs in Faculty of Computer Science of Sriwijaya University in learning English for Specific Purposes. The participants of this study are the 79 students from the 6th semester of Information System study program of Faculty of Computer Science Sriwijaya University. The data were collected from questionnaire for students and The English Course lesson plan. The results of the target needs revealed that the needs of the language skills are speaking and writing, and the language aspects are grammar and vocabulary. The results of the learning needs revealed that learning activities should be using practice-based learning with pair-work or group assessment, and the learning process should be used technology and ICT. Finally, the results of the needs analysis can be a determiner for students in order to accomplish the institutional needs.

Keywords: *Needs analysis, English for Specific Purposes, Computer Science Students.*

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CHAPTER I

INTRODUCTION

I.1 Background of the study

English language has now been designated as an international language and become the world's most widely spoken language where more than 1.5 billion people use it both as a first language and as a second language. In the progress of globalization, the English language had been an important and the most essential role as it is today. The ability to be fluent in English or at least distinctly understand is a need that must be possessed especially for students and University students. With the many challenges and intense competition that they will face, they are required not only to have a fluent or high level of education but also have skills and capabilities. Therefore, English skills are one of the many major essential skills that they must have.

In Indonesia, English is not set as a first language or a second language, but as a foreign language (EFL) which the English teaching process can be divided into two perspectives, General English (GE) and English for specific purposes (ESP). According to Dabic & Sinergija (2013), the English teaching in General English is given equally for all four English skills: speaking, writing, reading, and listening. Thus, it can be concluded that the English language teaching applied in Indonesia is General English since it is taught formally in every school as a compulsory subject starts from elementary school to high school or vocational school even until the higher education level. In University, English is also a compulsory subject, which must be taken by students from all majors. However, the English teaching applied in the university is supposed to be an ESP because it emphasizes the most important and suitable skill according to the major study of the students and to prepare the skillful students who can apply the skills in the field of work after they graduate.

Sriwijaya University is one of the universities that require English courses for all students. With its target to become a world-class university, it expects

students to be proficient in English. Not only that, but UNSRI also requires an English proficiency test for each student as an equivalence Score Test called the USEPT (Universitas Sriwijaya English Proficiency Test) which is almost equivalent to the TOEFL (Test Of English as a Foreign Language), where each department has set a minimum score each, and later the score results will be attached as one of the student's graduation requirements.

Of the several faculties and study programs at UNSRI, some of them are indeed required to achieve a higher score than others, with a minimum score of 500. Those are the Faculty of Education (English education), the Faculty of Medicine (medical education, dentistry education, and nursing science), and the Faculty of Computer Science (informatics engineering, computer systems, and information systems). Since it requires English language skills that are not only high but also following their learning needs, the provision of English language material in those several majors must be more intense and specific, so that it requires ESP as a means of English teaching.

The students' needs in learning English must be known in advance to design and consider the material to be taught at ESP and it can be found through Need Analysis (A. D. Lestari, 2020). Need analysis or need assessment is a process of identifying the skills and performance requirements, about what performance is required, what is presently exist, and anything in between. According to McKillip (1987), Needs analysis is a tool for making decisions in human services and education, which involve identifying and evaluating needs. By doing the assessment, the lecturer may know the needs and the goals of the students in learning ESP based on their major.

In the fields of professions and science, each major specializes its fields and studies of the English language proficiency in accordance with their science such as English for medicine, law, economics, engineering, tourism, and so on, which each will offer various programs of professions such as: lawyer, secretary, accounting, marketing, automotive, tour guide, computer network, etc.

Several different methods can be used to find out the needs analysis of students in learning English in a particular focus of study to get goals that are in accordance with what researchers want to find, for example, is finding out the needs analysis of students according to their current needs and abilities. By using the method of giving questionnaires, researchers ascertain whether the input that the students get in learning English is in accordance with their current needs and abilities. Several previous studies such as Juliansyah (2020), A. D. Lestari (2020), and Nureffendhi (2013) also used questionnaires in their research, and got the results that students from different majors or specific sciences would have different needs in learning English. Some previous studies have found answers about what skills in English are the needs of students. Juliansyah (2020) found that the English language skill most needed by Hajj and Umrah students is speaking. Muh (2020) also got the results that the order of most needed language skills for Constitutional Law students is starting with listening than speaking, reading, and writing.

From several studies about needs analysis, the researcher has only found a few results regarding the analysis of English needs for students majoring in computer science. The research by Septiana et al (2020), is about how to design a syllabus with needs analysis-based for computer science students. Also, Diana & Mansur (2018) conducted a need analysis research on students of Genetic Computer School Singapore in Learning English and got the result that speaking and listening skills should be developed at this institution. Thus, the purpose of this study is to add information regarding need analysis for students of computer science, especially in Indonesia. Not only that, but this research will also examine the institutional needs, not only the student needs. Thus, it will be known whether the ESP given is in accordance with both students' needs and institutional needs.

From the explanation about ESP and needs analysis, one of the things that the author found interesting to study is Needs analysis of ESP in the field of ICT and computer networks. At Sriwijaya University, students of the Faculty of

Computer Science are expected to be able to communicate in English well and have high USEPT score results. However, has so far the teaching of English for students of Faculty of Computer Science implemented ESP by knowing the needs and abilities of the students? And what factors they face in learning EFL? To find out, the author conducted study entitled **“Needs Analysis of English for Specific Purposes Class for Faculty of Computer Science Students of Sriwijaya University”**

I.2 The Problems of the Study

Based on the background of the study, the problems of the study are formulated into the following questions:

1. What are the institutional needs of the students of Faculty of Computer Science in learning English for Specific Purposes?
2. What are the learning needs of the students of Faculty of Computer Science in learning English for Specific Purposes?
3. How is the implementation of the institutional needs and students' needs in Faculty of Computer Science of Sriwijaya University in learning English for Specific Purposes?

I.3 The Objectives of the Study

Related to the problems of the study above, the objectives of this study are:

- 1) to find out the institutional needs of the students of Faculty of Computer Science in learning English for Specific Purposes
- 2) to find out the learning needs of the students of Faculty of Computer Science in learning English for Specific Purposes
- 3) to identify the implementation of the institutional needs and students' needs in Faculty of Computer Science of Sriwijaya University in learning English for Specific Purposes

I.4 The Significance of the Study

This research is expected to give valuable contribution and theoretical and practical significances for the university;

Theoretically, the result of this study is expected to provide literature information regarding the needs analysis of students in faculty of Computer science in learning English for specific purposes.

Practically, the result of this study is expected to provide information and suggestion both for students and the lecturers about the institutional needs and students' needs in learning English for specific purposes. Also, for other researchers, this research can be a reference to conduct the similar research about needs Analysis in a specific major.

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