


# ENGINEERING STUDENT SATISFACTION IN LEARNING FACILITIES AT PRESIDENT UNIVERSITY

**A Final Project Report**

**Submitted as one of the requirements to obtain Sarjana Teknik (S.T)**

**By**

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**FACULTY OF ENGINEERING**

**INDUSTRIAL ENGINEERING STUDY PROGRAM**

**CIKARANG**

**OCTOBER, 2023**

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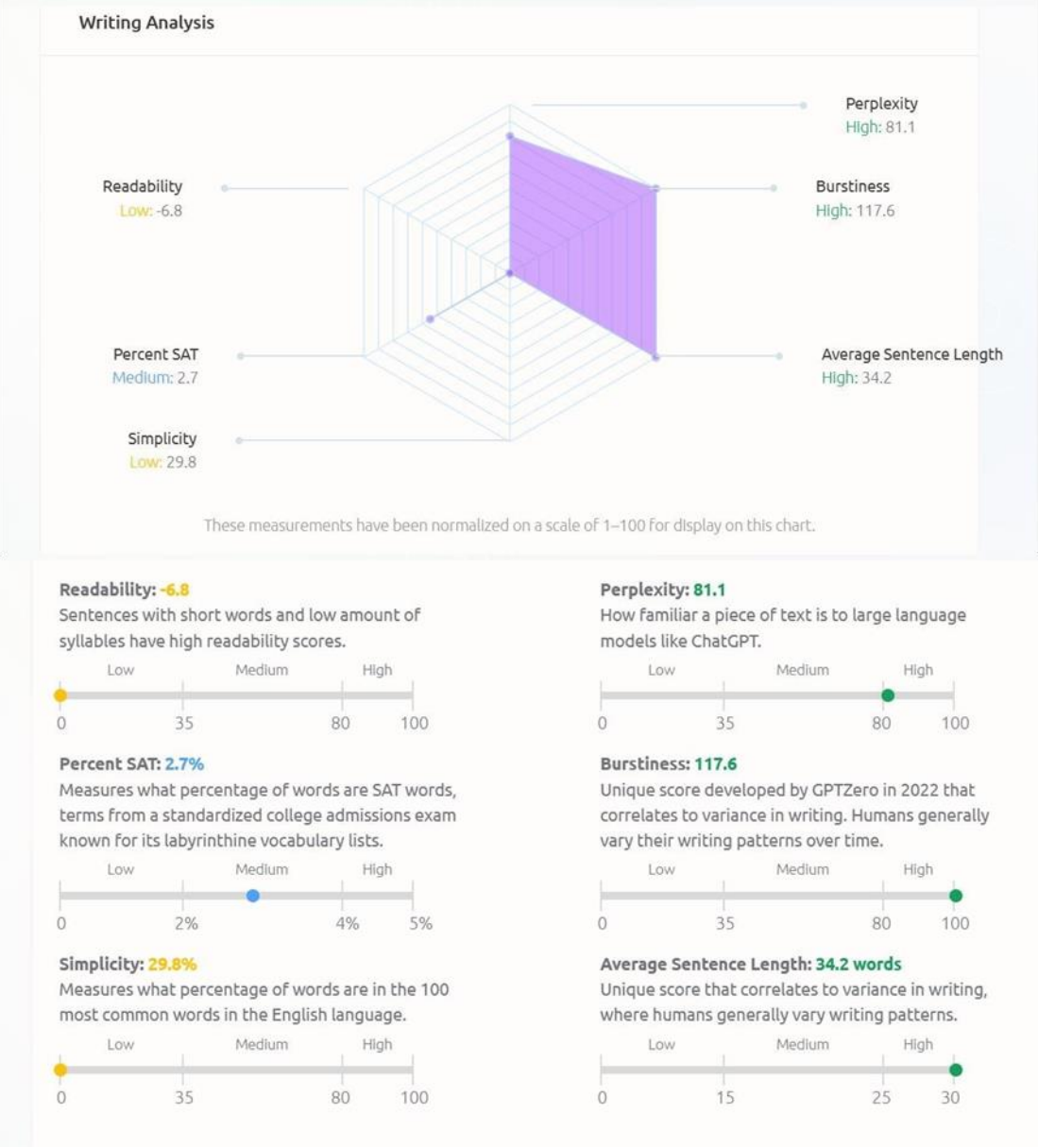
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# ABSTRACT

*Engineering students' satisfaction during online and offline classes has become a factor that adds to the learning process. The problems offered by online and offline learning methods, particularly in the context of the COVID-19 epidemic, have dramatically impacted the dynamic landscape of engineering education. These innovations have had a substantial impact on educational quality, teaching approaches, and student-teacher interaction dynamics. Adapting to changing circumstances is critical for preserving educational quality. Furthermore, the importance of student happiness in determining the efficacy of the learning process cannot be emphasized. In this case, a quantitative methodology is used to examine engineering student satisfaction with President University's learning facilities. The research also aims to determine the level of satisfaction among engineering students at President University with the available learning facilities by measuring student satisfaction levels, improve Learning Infrastructure that have require development or investment, whether in technology, physical locations, or instructional methods, in order to improve the entire learning experience and improve the Access to Resources by addressing any gaps in access to resources such as libraries and laboratories to ensure that students have what they need to succeed in their studies. Through the use of a sample questionnaire, the satisfaction levels were found to fall within the range of "Quite Satisfied" to "Very Satisfied," with an average satisfaction score ranging from 4.11 to 4.88. The study seeks to provide a comprehensive understanding of the learning facilities and the satisfaction levels of students. The analysis not only uncovers key variables but also sheds light on the extent of student satisfaction. The findings have implications for enhancing the quality of learning facilities and the overall educational experience for engineering students at President University.*

***Keywords**: Student Satisfaction, teaching quality, learning facilities, Learning infrastructure, resources, President University*

# TABLE OF CONTENT

PANEL OF EXAMINER APPROVAL ..... ii
TURNITIN CHECKING RESULT ..... vii
AI BASED PLAGIARISM CHECKING RESULT ..... viii
ABSTRACT ..... ix
ACKNOWLEDGEMENT ..... x
ENGINEERING STUDENT SATISFACTION IN LEARNING FACILITIES AT PRESIDENT UNIVERSITY ..... xi
TABLE OF CONTENT ..... xii
LIST OF TABLES ..... xv
LIST OF FIGURES ..... xvii
LIST OF TERMINOLOGIES ..... xix
CHAPTER I ..... 1
1.1 Problem Background ..... 1
1.2 Problem Statement ..... 3
1.3 Objective ..... 3
1.4 Scope ..... 3
1.5 Assumptions ..... 4
1.6 Research Outline ..... 4
CHAPTER II ..... 7
2.1 Learning Facilities ..... 7
2.2 A Research Model ..... 9
2.3 The Effect of Student Learning Facilities on Learning Outcomes Student ..... 10
2.4 Offline Learning and Online Learning ..... 11
2.4.1 Offline Learning ..... 11
2.4.2 Online Learning ..... 12
2.5 Population ..... 13
2.6 Sample ..... 14
2.7 Descriptive Statistics ..... 20

2.8 Validity and Reliability ..... 23
2.9 Expectation and Satisfaction ..... 24
2.10 GAP Analysis ..... 25
CHAPTER III ..... 27
3.1 Research Methodology ..... 27
3.1.1 Initial Observation ..... 27
3.1.2 Problem Identification ..... 28
3.1.3 Literature Study ..... 28
3.1.4 Data Collection ..... 28
3.1.5 Data Analysis ..... 29
3.1.6 Conclusion and Recommendation ..... 32
3.2 Operational Variables ..... 32
3.3 Detailed Research Methodology ..... 35
3.3.1 Questionnaire Design ..... 35
3.3.2 Data Collection and Analysis ..... 43
CHAPTER IV ..... 46
4.1 Questionnaire Design ..... 46
4.1.1 Pre-test questionnaire ..... 46
4.1.2 Respondent's Profile of Pre-test questionnaire ..... 48
4.1.3 Result of Pre-test questionnaire ..... 53
4.1.4 Validity and Reliability Analysis Pre-test Questionnaire ..... 56
4.2 Data Collection ..... 63
4.2.1 Population ..... 63
4.2.2 Sample Determination ..... 64
4.3 Questionnaire Distribute ..... 65
4.3.1 Respondent's Profile of Questionnaire ..... 65
4.3.2 Result of Questionnaire ..... 69
4.3.3 Discussion of Questionnaire Result ..... 77
4.3.4 Validity And Reliability Analysis ..... 107
4.4 GAP Analysis ..... 114
4.4.1 GAP Calculation ..... 123

4.4.2 GAP Ranking ..... 128
CHAPTER V ..... 132
5.1 Conclusion ..... 132
5.2 Recommendation ..... 133
References ..... 136
APPENDIX ..... 140

# LIST OF TABLES

Table 3. 1 Evaluation Criteria ..... 32
Table 3. 2 Evaluation Criteria ..... 32
Table 3. 3 Questionnaire about the demography of respondent ..... 37
Table 3. 4 Questionnaire about the technology and English proficiency Question ... 38
Table 3. 5 Questionnaire about transportation facilities ..... 39
Table 3. 6 Questionnaire about Administration Academic Bureau (AAB) ..... 39
Table 3. 7 Questionnaire about Finance Department ..... 40
Table 3. 8 Questionnaire about Building Facilities ..... 40
Table 3. 9 Questionnaire about Learning Facilities ..... 41
Table 4. 1 Summary of Questionnaire with Likert-scale Answer ..... 53
Table 4. 2 Summary of Questionnaire with Likert-scale Answer ..... 53
Table 4. 3 Summary of Questionnaire with Likert-scale Answer ..... 53
Table 4. 4 Summary of Questionnaire with Likert-scale Answer ..... 54
Table 4. 5 Summary of Questionnaire with Likert-scale Answer ..... 54
Table 4. 6 Summary of Questionnaire with Likert-scale Answer ..... 55
Table 4. 7 Summary of Questionnaire with Likert-scale Answer ..... 55
Table 4. 8 Result of Validity Analysis Pre-test questionnaire (How do you access internet) ..... 58
Table 4. 9 Result of Validity Analysis Pre-test questionnaire (Where do usually access internet) ..... 59
Table 4. 10 Result of Validity Analysis Pre-test questionnaire (Transportation Facilities) ..... 59
Table 4. 11 Result of Validity Analysis Pre-test questionnaire Office Administration (Part A.1 Administration Academic Bureau (AAB)) ..... 60
Table 4. 12 Result of Validity Analysis Pre-test questionnaire Office Administration (Part A.2 Finance Department) ..... 60
Table 4. 13 Result of Validity Analysis Pre-test questionnaire (Building Facilities) 61
Table 4. 14 Result of Validity Analysis Pre-test questionnaire (Learning Facilities) 62
Table 4. 15 Cronbach's Alpha Result of Pre-test questionnaire ..... 63
Table 4. 16 Number of Engineering Students ..... 64
Table 4. 17 Number of Engineering Students ..... 65
Table 4. 18 Summary of Questionnaire Result of Respondents (How do you access internet) ..... 69
Table 4. 19 Summary of Questionnaire Result of Respondents (Where do usually access internet) ..... 70
Table 4. 20 Summary of Questionnaire Result of Respondents (Transportation Facilities) ..... 71

Table 4. 21 Summary of Questionnaire Result of Respondents (Part A.1 Administration Academic Bureau (AAB)) ..... 72
Table 4. 22 Summary of Questionnaire Result of Respondents (Part A.2 Finance Department)..... 72
Table 4. 23 Summary of Questionnaire Result of Respondents (Building Facilities) 74
Table 4. 24 Summary of Questionnaire Result of Respondents (Learning Facilities) 75
Table 4. 25 Result of Validity Analysis questionnaire (How do you access internet) ..... 109
Table 4. 26 Result of Validity Analysis questionnaire (Where do usually access internet) ..... 110
Table 4. 27 Result of Validity Analysis questionnaire (Transportation Facilities) .. 110
Table 4. 28 Result of Validity Analysis questionnaire Office Administration (Part A.1 Administration Academic Bureau (AAB)) ..... 111
Table 4. 29 Result of Validity Analysis questionnaire Office Administration ..... 111
Table 4. 30 Result of Validity Analysis questionnaire (Building Facilities) ..... 112
Table 4. 31 Result of Validity Analysis questionnaire (Learning Facilities)..... 113
Table 4. 32 Cronbach's Alpha Result of questionnaire ..... 114
Table 4. 33 Summary of Database GAP Analysis..... 115
Table 4. 34 Summary of Target Value..... 121
Table 4. 35 GAP evaluation criteria ..... 122
Table 4. 36 Summary of Sub - Category ..... 123
Table 4. 37 Summary of Core and Secondary Factor..... 123
Table 4. 38 Core Factor and Secondary Factor Value..... 125
Table 4. 39 Percentage of sub category ..... 128
Table 4. 40 Result of Ranking..... 128
Table 4. 41 Level of Ranking..... 129
Table 4. 42 Separate the respondent regarding ranking score..... 130

# LIST OF FIGURES

Figure 2. 1 Classification of Sampling Techniques ..... 15
Figure 3. 1 Research Framework ..... 27
Figure 3. 2 Detailed Questionnaire Design ..... 36
Figure 3. 3 Detailed of Data Collection and Analysis ..... 43
Figure 4. 1 Offline ..... 47
Figure 4. 2 Online ..... 48
Figure 4. 3 Pie Chart of Gender ..... 49
Figure 4. 4 Pie Chart of Batch ..... 49
Figure 4. 5 Pie Chart of Major ..... 50
Figure 4. 6 Pie Chart of Residence ..... 51
Figure 4. 7 Pie Chart of Smartphone Ownership ..... 51
Figure 4. 8 Pie Chart of Gadget Ownership ..... 52
Figure 4. 9 Pie Chart of English Proficiency ..... 52
Figure 4. 10 Pie Chart of Gender ..... 66
Figure 4. 11 Pie Chart of Batch ..... 66
Figure 4. 12 Pie Chart of Major ..... 67
Figure 4. 13 Pie Chart of Residence ..... 67
Figure 4. 14 Pie Chart of Smartphone Ownership ..... 68
Figure 4. 15 Pie Chart of Gadget Ownership ..... 68
Figure 4. 16 Pie Chart of English Proficiency ..... 69
Figure 4. 17 Bar Chart Question 1 ..... 78
Figure 4. 18 Bar Chart Question 2 ..... 78
Figure 4. 19 Bar Chart Question 3 ..... 79
Figure 4. 20 Bar Chart Question 4 ..... 79
Figure 4. 21 Bar Chart Question 5 ..... 80
Figure 4. 22 Bar Chart Question 6 ..... 80
Figure 4. 23 Bar Chart Question 7 ..... 81
Figure 4. 24 Bar Chart Question 8 ..... 81
Figure 4. 25 Bar Chart Question 9 ..... 82
Figure 4. 26 Bar Chart Question 10 ..... 83
Figure 4. 27 Bar Chart Question 11 ..... 83
Figure 4. 28 Bar Chart Question 12 ..... 84
Figure 4. 29 Bar Chart Question 13 ..... 85
Figure 4. 30 Bar Chart Question 14 ..... 85
Figure 4. 31 Bar Chart Question 15 ..... 86
Figure 4. 32 Bar Chart Question 16 ..... 86
Figure 4. 33 Bar Chart Question 17 ..... 87
Figure 4. 34 Bar Chart Question 18 ..... 88
Figure 4. 35 Bar Chart Question 19 ..... 88

Figure 4. 36 Bar Chart Question 20 ..... 89
Figure 4. 37 Bar Chart Question 21 ..... 90
Figure 4. 38 Bar Chart Question 22 ..... 90
Figure 4. 39 Bar Chart Question 23 ..... 91
Figure 4. 40 Bar Chart Question 24 ..... 92
Figure 4. 41 Bar Chart Question 25 ..... 92
Figure 4. 42 Bar Chart Question 26 ..... 93
Figure 4. 43 Bar Chart Question 27 ..... 94
Figure 4. 44 Bar Chart Question 28 ..... 94
Figure 4. 45 Bar Chart Question 29 ..... 95
Figure 4. 46 Bar Chart Question 30 ..... 95
Figure 4. 47 Bar Chart Question 31 ..... 96
Figure 4. 48 Bar Chart Question 32 ..... 97
Figure 4. 49 Bar Chart Question 33 ..... 97
Figure 4. 50 Bar Chart Question 34 ..... 98
Figure 4. 51 Bar Chart Question 35 ..... 99
Figure 4. 52 Bar Chart Question 36 ..... 99
Figure 4. 53 Bar Chart Question 37 .....100
Figure 4. 54 Bar Chart Question 38 .....101
Figure 4. 55 Bar Chart Question 39 .....101
Figure 4. 56 Bar Chart Question 40 .....102
Figure 4. 57 Bar Chart Question 41 .....103
Figure 4. 58 Bar Chart Question 42 .....103
Figure 4. 59 Bar Chart Question 43 .....104
Figure 4. 60 Bar Chart Question 44 .....105
Figure 4. 61 Bar Chart Question 45 .....105
Figure 4. 62 Bar Chart Question 46 .....106
Figure 4. 63 Bar Chart Question 47 .....107
Figure 4. 64 Bar Chart of How do you access internet .....116
Figure 4. 65 Bar Chart of Where do usually access internet .....116
Figure 4. 66 Bar Chart of Transportation Facilities .....117
Figure 4. 67 Bar Chart of Administration Academic Bureau (AAB).....117
Figure 4. 68 Bar Chart of Finance Department.....118
Figure 4. 69 Bar Chart Building Facilities .....119
Figure 4. 70 Bar Chart Learning Facilities .....119

# LIST OF TERMINOLOGIES

| | | |
|---|---|---|
| Teaching Quality | : | The effectiveness and excellence of the instructional practices employed by teachers in facilitating learning and supporting student development. High-quality teaching is characterized by a combination of various factors, including knowledge of the subject matter, pedagogical skills, the ability to create a positive learning environment, and the capacity to engage students in meaningful learning experiences. |
| Resource accessibility | : | The availability and usability of various educational resources to support learning for all students, regardless of their backgrounds, abilities, or disabilities. It encompasses both physical and digital resources that are essential for students to fully participate in educational activities. |
| Physical facilities | : | The buildings, classrooms, libraries, laboratories, recreational areas, and other physical spaces that are designed to support teaching, learning, and school activities. These facilities play a crucial role in creating an environment conducive to quality education. |

| | | |
|---|---|---|
| Validity | : | The extent to which a concept, measurement, or study accurately represents what it claims to represent. It is concerned with the accuracy and truthfulness of the inferences, conclusions, or interpretations made based on the data or observations. |
| Reliability | : | The consistency, stability, and precision of a measurement or research instrument. It is concerned with the extent to which the measurement or instrument produces consistent results over time, across different observers or raters, or under varying conditions. In other words, a reliable measure or instrument produces consistent and repeatable results. |
| Technical Support | : | The assistance provided to students, teachers, and staff members in resolving technical issues and challenges related to technology and digital resources. As technology becomes increasingly integrated into educational settings, technical support plays a crucial role in ensuring the smooth operation and effective use of educational technology. |