



SAHARI: An Advanced Microblogging Platform for Emotional Expression, AI-Driven
Insights, and Peer Support

UNDERGRADUATE THESIS
Submitted as one of the requirements to obtain
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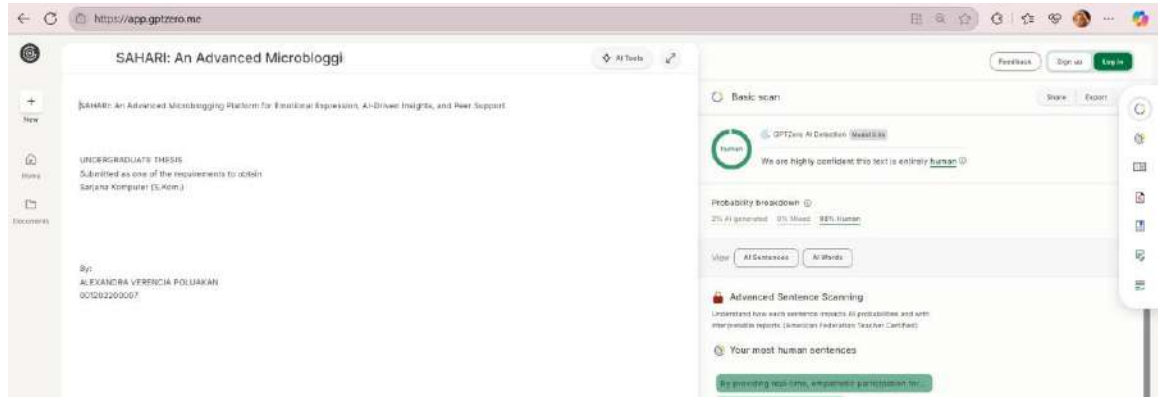
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ABSTRACT

Mental health issues are now a global concern, especially among adolescents and young people. Many people in Indonesia are reluctant to seek treatment due to social stigma and limited access to professional services, which makes feelings of isolation and stress. While social media platforms provide people with environment for self-expression, they often lack supportive, in person interactions, further worsens mental health issues. To fill these gaps in mental health care, this study presents Sahari, an AI-powered microblogging platform. The AI Reply System, the Explain Post System, and Search Engine are essential aspects that Sahari incorporates. The AI Reply System responds to user posts in real time with empathy. In the meanwhile, the Explain Post System produces psychoeducational insights that assist users in understanding the psychological and emotional context of their postings and offer resources for additional assistance. By providing real-time, empathetic participation for sensitive topics like anxiety, despair, and suicidal thoughts, the AI Reply System seeks to close the gap between users' emotional needs and the support that is available. By giving users insights about their mental health expressions, the Explain Post System helps users become more self-aware and understand their emotional states. The study evaluates how well these features improve information clarity, user engagement, and the feeling of emotional support. According to the research, Sahari provides the internet a safer and more encouraging place, especially for people in Indonesia, where there is frequently a lack of mental health resources. Sahari helps to improve access to mental health resources and reduce stigma by implementing culturally appropriate AI solutions.

Keywords: Mental Health, *Microblogging Platform*, *Safe Space*, *Emotional Expression*, *Emotional Support*, *AI-Driven Insights*, *AI Reply System*, *Natural Language Processing (NLP)*, *Cultural Sensitivity*, *Mental Health Platform*.

TABLE OF CONTENTS

	Page
SIMILARITY INDEX REPORT	1
SCREENSHOT OF ZEROGPT	2
ABSTRACT.....	3
DEDICATION.....	5
ACKNOWLEDGMENTS	5
TABLE OF CONTENTS	9
LIST OF TABLES	12
LIST OF FIGURES	12
INTRODUCTION.....	15
I.1 PROBLEM FORMULATION.....	15
I.1.1 Background of the Problem.....	15
I.1.2 Problem Statement.....	20
I.1.3 Objectives	21
I.1.4 Problem from a Customer Perspective	22
I.2 PROBLEM CONSTRAINT ANALYSIS.....	24
I.2.1 Aspect 1: Social and Cultural Stigma.....	24
I.2.2 Aspect 2: Ethical Concerns on Mental Health.....	25
I.2.3 Aspect 3: Lack of Safe Spaces for Peer Support	26
I.3 PROBLEM FUNCTIONAL ANALYSIS.....	27
I.3.1 Functionalities 1: Safe Space with Anonymity and Privacy Control	27
I.3.2 Functionalities 2: Peer Support and Community Interaction	27
I.3.3 Functionalities 3: AI Reply System.....	27
I.3.4 Functionalities 3: Explain Post System	28
I.4 SOLUTION SELECTION	28
I.4.1 Alternative Solution 1: Safe Space Mentorship Platform.....	28
I.4.2 Alternative Solution 2: Integrated Mental Health Microblogging Platform.....	28
I.4.3 Alternative Solution 3: Peer Support Network with Gamification.....	29
I.5 SOLUTION USAGE SCENARIOS	41
I.6 DEVELOPMENT EFFORT	43
I.6.1 Man-months.....	43

I.6.2 Machine-months	43
I.6.3 Development tools	44
I.6.4 Test Equipment.....	44
I.6.5 Expert needs	44
I.6.6 Cost estimation	45
I.6.7 Timelines	46
METHODOLOGY	47
II.2 System Architecture	53
II.3 AI Reply Handling Logic	59
II.4 Tools and Technologies	61
II.5 Explain Post Handling Logic	64
II.6 Tools and Technologies	65
II.7 Search Engine Handling Logic	68
II.8 Tools and Technologies	69
IMPLEMENTATION	72
III.1 Database Implementation	72
III.1.1 AI Reply Service	72
III.1.2 Explain Post System	75
III.2 Design Implementation	77
III.2.1 AI Reply Service	77
III.2.2 Explain Post System	95
III.2.3 Search Engine	113
III.3 User Interface Implementation	134
TESTING.....	137
IV.1 Functional Testing.....	137
IV.2 Non-functional Specifications Validation	138
RESULT AND DISCUSSION	140
V.1 Result.....	140
V.1.1 Effectiveness of AI Reply System	140
V.1.2 Effectiveness of Explain Post System.....	141
V.1.3 Effectiveness of Search Engine.....	141
V.1.4 Effectiveness of DeepSeek AI	142
V.2 Discussion.....	142
V.2.1 The AI Reply System role in Mental Health Support	143
V.2.2 Explain Post System Context and Psychoeducation	143

V.2.3 Search Engine for Connection and Improving Engagement	144
V.2.4 User Expectations and Ethical Considerations	145
V.3 Future Enhancements	146
CONCLUSION	148
REFERENCES.....	150

LIST OF TABLES

Table I.1 Solution Selection.....	30
Table I.2 AI Selection Comparisson	34
Table I.1 Man-months	43
Table I.1 Cost Estimation	45
Table II.1 ARS Tools and Technologies	62
Table II.1 Expo Tools and Technologies	66
Table II.1 Expo Tools and Technologies	69
Table IV.1 Testing results of every function in the specification	137
Table IV.1 Non-functional Specifications Validation.....	139

LIST OF FIGURES

Figure I.1 Timelines.....	46
Figure II.1 Diagram of the Sahari architecture	52
Figure II.1 System Workflow Diagram ARS	54
Figure II.2 System Workflow Diagram Expo.....	56
Figure II.3 System Workflow Diagram Search Engine	58
Figure III.1 Database Implementation AI Reply System.....	72
Figure III.2 Database Implementation AI Reply System (MongoDB).....	73
Figure III.3 Database Implementation AI Reply System (Redis).....	74
Figure III.1 Database Implementation Explain Post System	75
Figure III.2 Database Implementation Explain Post System (Redis)	76
Figure III.1 Data Flow Diagram Level 3 (ARS System)	77
Figure III.2 Pseudocode main.go	79
Figure III.3 Pseudocode domain/ars.go	82
Figure III.4 Pseudocode handler.go	83
Figure III.5 Pseudocode server.go	86
Figure III.6 Pseudocode respository.go	88
Figure III.7 Pseudocode service.go.....	90
Figure III.8 Pseudocode routes.go	93
Figure III.1 Data Flow Diagram Level 3 (Expo System)	95
Figure III.2 Pseudocode main.go	98
Figure III.3 Pseudocode domain/expo.go	101
Figure III.4 Pseudocode handler.go	103
Figure III.5 Pseudocode repository.go.....	106
Figure III.6 Pseudocode service.go.....	108
Figure III.7 Pseudocode routes.go	111
Figure III.1 Data Flow Diagram Level 3 (Search Engine)	113
Figure III.2 Pseudocode main.go	115
Figure III.3 Pseudocode handler.go	117
Figure III.4 Pseudocode repository.go.....	119
Figure III.5 Pseudocode meilisearch.go.....	121
Figure III.6 Pseudocode rabbitmq/consumer.go.....	123
Figure III.7 Pseudocode reindex.go	126

Figure III.8 Pseudocode service.go.....	129
Figure III.9 Pseudocode domain/search.go.....	132
Figure III.1 Login	134
Figure III.2 AI Reply System	134
Figure III.3 Explain Post System	135
Figure III.4 Explain Post System result	135
Figure III.5 Search Engine.....	136