CONTENTS

Agreement Sheet  
Biography  
Abstract  
Acknowledgements  
Contents  
List of Figure  
List of Table  
List of Formula  
List of Appendix

CHAPTER I INTRODUCTION
1.1. Background  
1.2. Problem Identification  
1.3. Research Scope  
1.4. Research Problem  
1.5. Research Objective  
1.6. Research Significance  
1.7. Operational Definition

CHAPTER II LITERATURE STUDY
2.1. Situated Learning  
2.1.1. Learning in Online Environments  
2.2. Learning Media  
2.2.1. Learning with Book  
2.2.2. Learning with Computers  
2.3. Weblog  
2.4. Web-based Learning  
2.5. Motivation and Interest to Learn
2.6. Salt Hydrolysis 16
2.7. Hypothesis 16

CHAPTER III RESEARCH METHODOLOGY
3.1. Research Overview 17
3.1. Research Time and Location 19
3.2. Research Population and Sample 20
3.3. Research Variable and Instrument 20
3.4. Research Design 21
3.5. Research Procedures 21
3.5.1. Development Web-Based Learning Media 22
3.5.2. Arranging the Research Instrument 22
3.5.2.1. Validity Test 23
3.5.2.1. Reliability Test 23
3.5.2.1. Difficulty Level 24
3.5.2.1. Distinguish Index 24
3.5.3. Implementation of Teaching and Learning Process 25
3.5.4. Teaching Treatment 26
3.5.5. Data Collection and Analysis 27
3.5.5.1. Normalized Gain 28
3.5.5.2. Normality Test 28
3.5.5.3. Homogeneity Test 29
3.5.5.4. Hypothesis Test 29
3.5.5.4. Effectiveness 29

CHAPTER IV RESULT AND DISCUSSION
4.1. Preparation of Weblog Content 30
4.2. Developing of Weblog 30
4.3. Research Instrument Arrangement 30
4.3.1. Validity Test 32
4.3.2. Reliability Test 32
4.3.3. Difficulty Level Test ............................................. 32
4.3.4. Distinguish Index Test ......................................... 33
4.4. Research Data Collection and Analysis ....................... 33
  4.4.1. Normality Test ................................................. 33
  4.4.2. Homogeneity Test ............................................ 34
  4.4.3. Hypothesis Test .............................................. 35
  4.4.3.1. Hypothesis Test of Hypothesis 1 ....................... 36
  4.4.3.2. Hypothesis Test of Hypothesis 2 ....................... 37
  4.4.3.1. Hypothesis Test of Hypothesis 3 ....................... 37
4.5. Discussion .......................................................... 38

CHAPTER V CONCLUSION AND SUGGESTION

5.1. Conclusion ........................................................ 43
5.2. Suggestion .......................................................... 43

REFERENCE ............................................................ 45