TABLE OF CONTENTS

ABSTRACT ii

ABSTRAK iii

APPROVAL SHEET iv

INTELECTUAL PROPERTY STATEMENT FORM v

PREFACE vi

DEDICATION SHEET vii

Table of Contents viii

List of Figures xi

List of Tables xiii

List of Attachment xiv

List of Terms xv

Chapter I Introduction 1

I.1 Background 1

I.2 Problem Statement 3

I.3 Research objectives 4

I.4 Research Scope 5

I.5 Research benefits 5

I.6 Report Writing Systematic 5

Chapter II LITERATURE REVIEW 7

II.1 MSME 7

II.1.1 Definition of MSME 7

II.2 Enterprise Resource Planning (ERP) 7

II.2.1 Definition of ERP 7

II.2.2 Benefits of ERP 8

II.3 Open Source ERP Software 8

II.4 Odoo 9
II.5 Circular Economy 9
II.5.1 Definition of Circular Economy 9
II.6 Monitoring Dashboard 10
II.7 Accounting Module 10
II.7.1 Sustainability Accounting 11
II.8 Quickstart Methodology 11
II.9 Unit Testing & Integrated Testing 12
II.10 Testing Methods 12
II.10.1 Metthod testing (black box) 12
II.11 Previous Research Analaysis 13
Chapter III METHODS 16
III.1 Conceptual Model 16
III.2 Research Systematic 17
III.3 Data Collection 18
III.4 Data Management 20
III.5 Evaluation Method 22
III.6 Reason for Selecting The Method 23
III.7 Schedule Activity 24
Chapter IV ANALYSIS AND DESIGN 25
IV.1 Company Profile 25
IV.1.1 Vision and Mission of PT. Elco Sejahtera Indonesia 25
IV.1.2 Location of PT. Elco Indonesia Sejahtera 25
IV.1.3 Ogranizational Structure of PT. Elco Indonesia Sejahtera 26
IV.2 Quickstart Method Analysis 27
IV.2.1 Kick-Off Call Stage 27

IV.3 Analysis Stage 31
IV.3.1 Business Needs Analysis 31
IV.3.2 Fit & Gap Analysis 43
IV.3.3 Proposed Organizational Structure 49
IV.3.4 Reporting Form Odoo for Accounting Process Business 50
IV.3.5 Identify The Concept of Circular Economy 51
IV.3.6 Master Data Planning 52
IV.3.7 Use Case Diagram 55
IV.3.8 Activity Diagram 58
Chapter V TESTING AND IMPLEMENTATION 65
V.1 Configuration 65
V.1.1 On Boarding 65
V.1.2 Testing dan Validation 74
V.2 Analysis of Test Results and Validation 75
Chapter VI Conclusion and sugestion 76
VI.1 Conclusion 76
VI.2 Suggestion 77
REFERENCES 78
Attachment 82