# Table of Contents

1. **CHAPTER 1: INTRODUCTION**
   - Problem Statement, Research Questions, and Purpose of the Study 7
   - Objectives of the study 10
   - Thesis Organization 12

2. **CHAPTER 2: LITERATURE REVIEW**
   - Helpdesk in the Academic Environment 15
   - Characteristics and problems of the academic helpdesk 19
   - Satisfaction and Service Quality 23
   - Service Level Agreement ‘SLA’ and Data Flow Diagrams
     - Workflow and process definition 29
     - The building blocks of the workflow process 30
   - Measuring helpdesk performance 31
   - SERVQUAL Instrument 38
   - Conclusion 41

3. **CHAPTER 3: TECHNICAL SUPPORT HELPDESK AT BIRZEIT UNIVERSITY**
   - Introduction 43
   - A brief Background 43
   - Staff 47
   - Hierarchy 48
   - Current Issues and burdens 49
   - Conclusion 53

4. **CHAPTER 4: RESEARCH METHODOLOGY**
   - Introduction 54
   - Research Methodology overview and Time frame of the study 54
   - Hypotheses 57
   - Time Frame of the Study: 59
   - Modified Gartner Inc. Performance Matrix
     - A description of the modified matrix weights: 61
     - Measuring BZU Users’ Satisfaction and Service Quality of the Helpdesk 62
   - Questionnaire Development and Design: 64
   - Measuring BZU Helpdesk Staff Job Satisfaction
     - Targeted populations and sample design 72
     - Questionnaire Development and Design: 72
   - Statistics of the Helpdesk Call Management System 74
   - Limitations of the study 77
   - Conclusion 77

5. **CHAPTER 5: DATA ANALYSIS AND FINDINGS**
   - Introduction 78
   - Helpdesk users’ satisfaction and service quality questionnaire 78