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**INVERTED PYRAMID**

Doctoral Dissertation

Submitted to the

College of [College Name]

Westcliff University

In Partial Fulfillment of the Requirements for the Degree of

Doctor of [Program Title]

Concentration: [Concentration Title if Applicable]

by

[Doctoral Candidate’s Full Name]

[Month, Year of Completion]

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[Full Name]

This dissertation has been approved for the degree of Doctor of [Program Title] by:

[Full Name], [Degree], Committee Chair

[Full Name], [Degree], Committee Member

[Full Name], [Degree], Committee Member

[Full Name], [Degree], [Program Title] Dean

**Acknowledgments**

The acknowledgments page is optional. This page is not reflected in the table of contents. This page should not exceed four pages and should be written in paragraph format, with full sentences. On this page, the doctoral candidate acknowledges the individuals and the institution(s) that assisted the candidate in completing the dissertation. Committee members are generally acknowledged. Delete the page if not used.

**Dedication**

The dedication page is optional. This page is not reflected in the table of contents. On this page, the doctoral candidate typically expresses gratitude or acknowledges others who have inspired them while writing the dissertation. Dedications can be to those known personally or professionally. Delete the page if not used.

**Abstract**

The abstract is a concise, comprehensive summary of the dissertation. This page is not reflected in the table of contents. The abstract should be one block of text with no indentation, and should not exceed one page, or no more than 250 words. Avoid the use of citations in this section.

*Keywords:* Select keywords associated with the most important aspects of the dissertation. Use lowercase lettering, separate by commas, and do not include punctuation after the final keyword.

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# List of Figures

 A list of figures is required if there are six or more figures in the document. Figures included in the appendices are not included on this list. An example of how to format this page is seen below.

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# General Information About Dissertation

This is an informational page and will be deleted prior to submission of the dissertation. The dissertation template provides an overview of the chapters, formatting, and expectations required for completion of the dissertation at Westcliff University. This template is not meant to be comprehensive and can be supplemented with information gathered from research courses, direction provided from committee members, and personal research.

The dissertation is to follow APA 7th edition guidelines, though there are minor deviations specific to Westcliff University. These deviations are explained in the Dissertation Formatting Guide found at the end of this template, in addition to all specific formatting requirements for this paper.

Throughout the dissertation, whenever paraphrasing or directly quoting a statement from a credible source, the doctoral candidate should add an in-text citation. Reference to other sources is not required if the claim is a direct outcome of the candidate’s dissertation research.

# CHAPTER ONE: INTRODUCTION

Chapter One of the dissertation introduces the study problem, background of the problem, and identifies the framework of the research. In the introduction to this chapter, provide context of the chosen topic, clarity of scope in how this research will engage with the topic, and an overview of the structure of the dissertation and chapter flow. The following sections are required at minimum, but additional sections can be included if deemed appropriate.

## Problem Background

The problem background will provide information regarding the central problem of inquiry the research seeks to address. A focused, timely, and relevant problem, as supported by the current scholarship, is required. In this section, verify the existence of this problem through evidence-based research, the extent to which it spans, who or what it impacts, and how it has been presented within current scholarship. Objectively identify what the research will achieve within the context of this centralized problem and the continued inquiry into the problem that is needed.

## Problem Statement

Based on the context of the central problem identified in the problem background section, this section indicates specific problems that this research addresses. These problem statements form the basis of the research question(s) posed. Each problem statement should be evidence-based and contextualized within the current scholarship. Problem statements are written as single sentences but should be followed by discussion on the origins and potential impact of each problem as it connects to the aforementioned centralized problem. Add a maximum of three problem statements in this section. The format of the problem statements should follow:

**Problem Statement 1:**Identify the specific problem.

Include discussion in paragraph format with APA citations.

## Purpose of the Study

Based on the context of the centralized and specific problems indicated above, this section will explain, in general terms, the purpose or reason for this study. Identification of the research method and design, direction, objective, and overarching goal of the study is incorporated and expanded upon in this section. This section begins with the statement: The purpose of this study is…

## Theoretical and Conceptual Framework

This section explains the theoretical or conceptual foundation of the research and its credibility in the context of previous studies and/or commonly accepted theoretical understandings. A conceptual framework identifies the expected outcome(s) of the research through identification of the variables and how they connect or impact one another. A theoretical framework identifies, compares, and synthesizes prevalent theories established in literature that support the basis of the study and its theoretical context.

## Research Questions

In this section, identify the research question(s) that has guided the research. This question(s) should align with the problem statement(s) and ensure appropriate collection of data to achieve the purpose of the research. Research questions are formatted as simple interrogative sentences, address one issue per question, and cannot be answered with a yes or no response. In addition to listing the question(s), explain in subsequent paragraphs how the answers to the research question(s) will cumulatively lead to the achievement of the purpose of the research. As noted in the problem section, the research questions must be directly aligned with the problem statements and study purpose. The format of a research question should be incorporated as follows:

**Research Question 1:** What is your research question?

Incorporate information regarding how this question will lead to the achievement of the aforementioned purpose.

## Hypotheses

This section is optional and will be dependent upon the type of study conducted (verify with the Dissertation Chair). Hypotheses primarily identify the expected outcomes of a quantitative or mixed methods study and must be directly aligned with the research question(s).

## Nature of the Study

 This section provides an overview of the study’s method, design, and data collection and analysis methodology. Note that this section is more general, as the doctoral candidate will expand upon the details of the research methodology in Chapter Three. The following subsections are required at minimum, but additional subsections may be included if deemed appropriate.

### Research Methods

This subsection identifies if the study is quantitative, qualitative, or both (mixed methods) and explains the rationale for the selection in the context of the purpose of the research. Include the research design, justification for the design, and an overview of the implementation of the research plan.

### Data Collection

This subsection describes the primary and/or secondary data to be gathered for the study and how and why the specific data collection method(s) will be employed. A description of the data collection instrument(s) and method used in the research is explained and the rationale justified. Indicate the underlying population, sampling method, and minimum sample size to be gathered from the target population.

### Data Analysis

In this subsection, the doctoral candidate identifies the data analysis methodology chosen for the study and presents justification for the selection. The data analysis method must be aligned with the study method and design choice for the research. The software application to be used for analysis should also be noted here as well as any data assumptions to be tested prior to data analysis to address the research questions.

## Definitions of the Terms

 In this section, the doctoral candidate defines frequently used terms that are important to the study but not common knowledge or common words that are used in an uncommon or very specific way. The definitions provide readers with a context for how the terms are operationalized within the dissertation. An outline of terms is appropriate for this section and is organized alphabetically. The format of organization can be seen below. Definitions must be supported with citation from the current scholarship. Dictionary or encyclopedia definitions are not acceptable for dissertation research.

 **Term.** Add definition here.

## Significance of the Study

The significance of the study explains the potential impact of the study. Specifically, the doctoral candidate describes, in scholarly, objective, and unbiased language, the study’s potential contribution to the existing body of knowledge on the chosen topic and the relevant field. Doctoral candidates can stipulate who or what may benefit from this research and the extent of that benefit.

(Note: The doctoral candidate must use non-confirmatory language, such as: *The potential findings of the study* ***may*** *lead to a better understanding of the effectiveness of computer assisted instruction; the evaluation of employee attitudes* ***could*** *help improve productivity.*)

# CHAPTER TWO: LITERATURE REVIEW

This chapter begins with an introduction defining the context, explaining the reason for the review, identifying the sequence/organizational approach followed, and specifying what the scope of the review entails. Following the introduction, use an APA level one heading and appropriate heading levels thereafter, depending upon the organization of content. At least one paragraph of the Chapter Two introduction section must describe the literature sourcing strategies and techniques used and include the academic databases, keywords, and key phrases used for sourcing.

## [Add Section Heading]

The organization of the literature review varies depending upon the approach chosen by the doctoral candidate to present the information logically and cohesively. Section headings in the body of the chapter will be organized by headings that reflect each area of the literature reviewed. The literature review should be a comprehensive synthesis of previous research. The review should predominantly focus on literature published within the last five to 10 years and should consist of comparing, contrasting, and identifying patterns and limitations within the most prevalent studies related to the doctoral candidate’s topic. The literature review should end with an identification of a gap present within the literature reviewed, the gap which this dissertation intends to address.

## Summary

 In this section, the doctoral candidate summarizes the main findings from the literature review chapter and transitions into the next chapter. There should not be any subsections in the summary.

# CHAPTER THREE: METHODOLOGY

The methodology chapter begins with a brief restatement of the nature and purpose of the study. In the text of this chapter, the doctoral candidate provides a detailed explanation of the method choice, design of the research, procedures followed, and analysis conducted on the data acquired in order to achieve the goal of the study. In this chapter, all aspects of the methodology applicable to the research must be explained in such a way that other researchers could replicate the procedure. This chapter must include the following sections and subsections at minimum. Additional sections and subsections can be added if deemed appropriate.

## Research Design

In this section, a description of the implementation of the research design and procedure is provided. Identify the steps followed to answer the research question(s) and determine the accuracy of the hypothesis(es) (if needed). The alignment of the research design with the purpose of the study must be evident throughout the content of this section and justified when applicable. The specific choice of design and the design conventions must be described within the context of the study.

## Target Population

This section identifies the target population, size of the population, sampling method, minimum sample size, and demographic characteristics of the sample. Justify the rationale for choices made in selection of the sample to ensure the study sample is reflective of the target population.

## Data Collection

This section is an extension of the data collection procedure and the nature of the collected data identified in Chapter One. Elaborate upon the instrument chosen for data collection and reliability (quantitative) or transferability (qualitative) of the data collection method and instrumentation to be used to collect reliable and valid (quantitative) or trustworthy (qualitative) data. Indicate any inclusions or exclusions of data throughout the collection process.

Please note, if the instrument used for data collection was not created by the doctoral candidate, copyright or intellectual property permission must be obtained, specified, and presented in an appendix. Additionally, each applicable instrument used must be presented fully as separate appendices and referenced in this section.

## Data Analysis

 This section explains how and why the data were analyzed using the data analysis method chosen. Ensure there is no information included regarding the findings or results of the data collected. This section must only focus on the process of analysis and justification of the decisions made throughout that process.

## Assumptions and Delimitations

### Assumptions

This subsection describes study assumptions for the dissertation. Validity and conformity of these assumptions must be justified.

### Delimitations

 This subsection identifies the boundaries set for the study, focusing on intentional exclusions made by the researcher. The reasons for setting the boundaries of the delimitations are stated and justified in this subsection.

## Trustworthiness

In this section, justify the degree of confidence in the data obtained and methods used for the study. Defend the protocol and procedure used to ensure the rigor and worthiness of the study. This section is generally accompanied by subsections, dependent upon the type of study conducted. Acknowledge any personal bias(es) that could impact the results. For qualitative research, trustworthiness of the data must be evaluated and assured for the four criteria of trustworthiness: credibility, transferability, dependability, and confirmability. For quantitative research, the assessment of internal validity, external validity, reliability, and objectivity must be described.

## Summary

 In this section, the dissertation candidate summarizes the main findings from the methodology chapter and transitions into the next chapter. There should not be any subsections in the summary.

# CHAPTER FOUR: RESULTS

The results chapter indicates the main findings of the research conducted. Objectively present the results that are relevant to answering the research question(s) or validating the accuracy of the hypothesis(es). Any information that could be clarified through the use of visual supplementation, such as tables and figures, should be incorporated. Do not interpret results in this chapter. This chapter should include the following sections at minimum, to ensure readability and clarity of findings, structure is of the utmost importance in this chapter. Ask the following general questions before starting this chapter:

1. Is there sufficient data to answer each of the research question(s)/hypothesis(es) asked in the study?
2. Is there sufficient data to support the conclusions made in Chapter 5?
3. Is the study written in the third person? Never use the first person.
4. Are the data clearly explained using a table, graph, chart, or text?

## Add Section Heading - optional

Additional sections and subsections can be added if deemed appropriate. Remember to include tables and figures. A common best practice is to develop all tables, graphs, charts, etc. and have synthesized and analyzed your data so that you know how you are going to present the information and the results you have drawn from them before writing any text. Once ready to insert a table or figure, you must follow these three steps: first, introduce the table/figure; then, present it by embedding it into the document; and last, follow it with a discussion that points out the salient results.

 Below is an example of a table, which will appear in this section and others of the dissertation. Note that a table is a visual representation that includes rows and columns. Prior to the table being embedded into the document, it needs to be introduced. This is referred to as a callout. An example of a callout is seen below.

As shown in Table 1,…

The table itself follows after it has been introduced, and it is aligned to the left margin. Note below that the heading of the table is “Table” followed by the numerical number as it appears in your document. The heading of the table is in bold. The title of the table follows on the next line in italics with title case heading. A note may follow your table if you need to describe anything in the table that cannot be understood simply from looking at it, or if you did not create the table and you need to include the copyright permission and APA formatted citation for the work. In this case, the word “Note” is italicized. The sentence that follows is not.

**Table 1**
Title of Table

|  |  |  |  |
| --- | --- | --- | --- |
| Row Heading | Column Title | Column Title | Column Title |
| Row 1 |  |  |  |
| Row 2 |  |  |  |
| Row 3 |  |  |  |
| Row 4 |  |  |  |

*Note:* Here is where you explain something in the table that is not self-explanitory or include the copyright information if the table is not your own.

After the table, follow with a discussion of the information and conclusions drawn from it.

Below is an example of a figure. Note that a figure is a visual representation or picture that is not organized by rows and columns. Figures may include, but are not limited to, graphs, histograms, bar graphs, pie charts, or pictures. An additional example of a callout can be found below.

Figure 1 shows,…

The figure itself will follow the same left justified alignment as that of a table. The formatting of the figure heading, title, and note (if applicable) are also done the same as a table, as explained above.

**Figure 1**
Title of Figure



Now that you have introduced and presented your figure, follow the figure with a discussion of the information and conclusions drawn from it.

| **Criterion**\***(Score = 0, 1, 2, or 3)** | **Learner Score** | **Chair Score** | **Committee Member #1****Score** | **Committee Member #2****Score** |
| --- | --- | --- | --- | --- |
| **\*Score each requirement listed in the criteria table using the following scale:**0 = Item Not Present or Unacceptable. Substantial Revisions are Required.1 = Item is Present. Does Not Meet Expectations. Revisions are Required.2 = Item is Acceptable. Meets Expectations. Some Revisions May be Suggested or Required. 3 = Item Exceeds Expectations. No Revisions are Required. |
| **INTRODUCTION (TO THE CHAPTER)** (Minimum two to four paragraphs or approximately one page) |
| There is a reintroduction of the research study’s purpose. |  |  |  |  |
| There is a brief description of the research methodology, research questions, and/or hypotheses tested in the study. |  |  |  |  |
| The introduction is well structured, logical, uses correct paragraph structure, uses correct sentence structure, uses correct punctuation, and uses correct APA format per WU dissertation writing policy. |  |  |  |  |
| **\*Score each requirement listed in the criteria table using the following scale:**0 = Item Not Present or Unacceptable. Substantial Revisions are Required.1 = Item is Present. Does Not Meet Expectations. Revisions are Required.2 = Item is Acceptable. Meets Expectations. Some Revisions May be Suggested or Required. 3 = Item Exceeds Expectations. No Revisions are Required. |
| **Reviewer Comments:** |

## Characteristics of the Sample

 In this section, describe the demographic characteristics of the study sample. The descriptive statistics of the sample characteristics should be included.

| **Criterion**\***(Score = 0, 1, 2, or 3)** | **Learner Score** | **Chair Score** | **Committee Member #1****Score** | **Committee Member #2****Score** |
| --- | --- | --- | --- | --- |
| **\*Score each requirement listed in the criteria table using the following scale:**0 = Item Not Present or Unacceptable. Substantial Revisions are Required.1 = Item is Present. Does Not Meet Expectations. Revisions are Required.2 = Item is Acceptable. Meets Expectations. Some Revisions May be Suggested or Required. 3 = Item Exceeds Expectations. No Revisions are Required. |
| **DESCRIPTIVE FINDINGS** (Number of pages as needed) |
| **Quantitiatve Studies Only** |
| Provides a narrative summary of the population or sample characteristics and demographics. |  |  |  |  |
| Presents the "Sample (or Population) profile," using statistics for the demographics collected from the actual sample/population.  |  |  |  |  |
| Uses tables, histograms, graphs, and/or bar charts, to effectively organize and display coded data and display the data collected.  |  |  |  |  |
| Descriptive statistics for each variable is presented to answer each RQ(s). For composite continuous variables, reliability coefficients computed on the study data precede the descriptive statistics and have to be compared with coefficients reported by instrument authors and prior users. NOTE: Low reliability (< 0.7) may require changes in design and analysis (dropping variables with unreliable data). \*\*In case of changes of statistical analysis that became necessary during the computation of descriptive statistics, the learner will present and justify the new statistical procedures. |  |  |  |  |
| If the intended analysis involves parametric procedures, tests of assumptions are required to evaluate sample distribution (skewness and kurtosis data and charts) normality and homogeneity of variance. Evidence of this is incorporated clearly.\*\* If nonparametric procedures are used, justification must be provided in detail. |  |  |  |  |
| The section is well structured, logical, uses correct paragraph structure, uses correct sentence structure, uses correct punctuation, and uses correct APA format per WU dissertation writing policy. |  |  |  |  |
| **Qualitative Studies Only** |
| Provides a sample or population profile using statistics for the demographics collected. |  |  |  |  |
| This section includes a narrative summary of data collected (data should be included in an Appendix.) |  |  |  |  |
| Uses tables, histograms, graphs, and/or bar charts, to effectively organize and display coded data and descriptive data.  |  |  |  |  |
| Discuss and provide a table showing number of interviews conducted, duration of interviews, # of pages transcript, # observations conducted, duration, # of pages of typed-up field notes, # of occurrences of a code, network diagrams, model created, etc. |  |  |  |  |
| Section is well structured, logical, uses correct paragraph structure, uses correct sentence structure, uses correct punctuation, and uses correct APA format per WU dissertation writing policy. |  |  |  |  |
| **Reviewer Comments:** |

## Results

 In this section, the doctoral candidate provides detailed description of the process used to analyze the data collected and the subsequent results. Ensure the selected information is relevant to the purpose of the study. Following a brief description of how the data were cleaned, prepared, and readied for analysis, results must be presented with their associated research questions. For quantitative studies, the results of data assumption tests must be presented prior to the hypothesis test results.

| **Criterion**\***(Score = 0, 1, 2, or 3)** | **Learner Score** | **Chair Score** | **Committee Member #1****Score** | **Committee Member #2****Score** |
| --- | --- | --- | --- | --- |
| **\*Use the following scale to score each requirement:**0 = Not Present. Substantial Revisions are Required.1 = Present. Does Not Meet Expectations. Revisions are Required.2 = Acceptable. Meets Expectations. Some Revisions May be Suggested or Required.3 = Exceeds Expectations. No Revisions are Required. |
| **RESULTS**This section presents an analysis of the data in a non-evaluative, unbiased, organized manner that responds to research question(s) and/or hypotheses. Be sure to list and dicuss each research question. This will ensure the reader follows your overall logic. As a reminder, each research question should be answered in the order presented in Chapter 1. (Number of pages as needed) |
| Quantitaitve Studies Only |
| There is proof that all data and the analysis of that data are non-evaluative, unbiased, and aligned with Chapters 1, 2, and 3. |  |  |  |  |
| The section is organized by research question(s) and/or hypothesis(es). Hypothesis should be inserted using section titles and presented in order according to the previous chapters of the dissertation.  |  |  |  |  |
| Results of each statistical test are presented in appropriate statistical format with tables, graphs, and charts. |  |  |  |  |
| **Quantitative Studies:** * Inferential statistics, require tests of normality, tests of assumptions, test of statistics and *p*-value reported for each hypothesis.
* Control variables are reported and discussed (if applicable).
* Secondary data treatment of missing values is fully described.
* Outlier responses are explained as appropriate.
 |  |  |  |  |
| Qualitative Studies Only |
| Data is organized by theme, participant and/or research question(s).  |  |  |  |  |
| Results are presented in an appropriate narrative, tabular, graphical and/or visual format. \*\*If using thematic analysis, coding and theming process are entirely described in the results presentation. |  |  |  |  |
| Integrates quotes in the results presentation to substantiate the stated findings and build a narrative picture as required. Data analysis should include narrative story for narrative analysis; case study summary for case study; model or theory for grounded theory. |  |  |  |  |
| Appendices must include qualitative or quantitative data analysis that supports results in Chapter 4 (if not directly inserted into Chapter 4). |  |  |  |  |
| Section is written in a way that is well structured, has a logical flow, uses correct paragraph structure, uses correct sentence structure, uses correct punctuation, and uses correct APA format according to WU writing policy. |  |  |  |  |
| **Reviewer Comments:** |

## Summary

In this section, the dissertation candidate summarizes the main findings from the results chapter and transitions into the next chapter. There should not be any subsections in the summary.

| **Criterion**\***(Score = 0, 1, 2, or 3)** | **Learner Score** | **Chair Score** | **Committee Member #1****Score** | **Committee Member #2****Score** |
| --- | --- | --- | --- | --- |
| **\*Use the following scale to score each requirement:**0 = Not Present. Substantial Revisions are Required.1 = Present. Does Not Meet Expectations. Revisions are Required.2 = Acceptable. Meets Expectations. Some Revisions May be Suggested or Required.3 = Exceeds Expectations. No Revisions are Required. |
| **SUMMARY**This section provides a concise summary of what was found in the study. It briefly restates essential data and the data analysis presented in this chapter, and it helps the reader see and understand the relevance of the data and analysis to the research questions or hypotheses. Finally, it provides a lead or transition into Chapter 5 where the implications of the data and data analysis relative to the research questions and/or hypotheses will be discussed. (Minimum one to two pages) |
| Presents a clear and logical summary of data. |  |  |  |  |
| **Quantitative Studies:** Summarizes the statistical data and results of statistical tests in relation to the research questions/hypotheses.**Qualitative Studies:** Summarizes the data and data analysis results in relation to the research question(s). Summarizes data across research question(s) for case studies, narratives, and grounded theory. |  |  |  |  |
| Discusses limitations that emerged based on data analysis and how the interpretation of results may be effected by the limitations. Data limitations are added to Chapters 1, 3, and 5 and discussed as appropriate. |  |  |  |  |
| Provides a concluding section and transition to Chapter 5. |  |  |  |  |
| All research presented in the Chapter is scholarly, topic-related, and obtained from highly respected academic, professional, original sources. In-text citations are accurate, correctly cited and included in the reference page according to APA standards. |  |  |  |  |
| Section is written in a way that is well structured, has a logical flow, uses correct paragraph structure, uses correct sentence structure, uses correct punctuation, and uses correct APA format according to WU writing policy. |  |  |  |  |
| **Reviewer Comments:** |

# CHAPTER FIVE: CONCLUSIONS

This chapter summarizes and interprets the key findings of the research. This chapter offers connections and meaning derived from the results of the acquired data and specifies the impact(s) of those results. Begin with an introduction summarizing the purpose/objective of the study and the main findings from the results elaborated upon above. This chapter must include the following sections at minimum.

| **Criterion**\***(Score = 0, 1, 2, or 3)** | **Learner Score** | **Chair Score** | **Committee Member #1****Score** | **Committee Member #2****Score** |
| --- | --- | --- | --- | --- |
| **\*Use the following scale to score each requirement:**0 = Not Present. Substantial Revisions are Required.1 = Present. Does Not Meet Expectations. Revisions are Required.2 = Acceptable. Meets Expectations. Some Revisions May be Suggested or Required.3 = Exceeds Expectations. No Revisions are Required. |
| **CONCLUSION** The above section introduces Chapter 5. It is comprehensive and reminds the reader of the importance of the topic, explains contributributons to literaute, informs the reader of data anlysis conclusions, implications, and recommendations will be presented. (Minimum two to four paragraphs or approximately one page) |
| Provides a comprehensive summary of the study framework, including a recap of the [WU Alignment Foci](https://writingcenter.westcliff.edu/wp-content/uploads/2022/08/WU-Proposal-Alignment-Foci.pdf).  |  |  |  |  |
| Restates the research question(s) and how the reported data answers each research question. |  |  |  |  |
| Gives an overview of why the study was necessary and how it contributes to our understanding of the topic. |  |  |  |  |
| Section is written in a way that is well structured, has a logical flow, uses correct paragraph structure, uses correct sentence structure, uses correct punctuation, and uses correct APA format according to WU writing policy. |  |  |  |  |
| **Reviewer Comments:** |

## Interpretations and Implications

 In this section, the doctoral candidate interprets the results obtained from the study, ensuring the research question(s) and objectives from the study are answered fully. This section indicates how the findings influence the existing body of knowledge on the topic. In addition, the doctoral candidate can explain how the results of the study can be used in professional practice, or how the results lead to a new direction in research in the field relevant to the focus of this study.

## Limitations

 In this section, the limitations of the study that have influenced the findings or conclusions drawn from the findings are explained.

## Generalizability or Transferability

In this section, the doctoral candidate explains the extent and limitations of the generalizability of the study’s findings. Generalizability should not be claimed without an objective rationale to provide justification. For qualitative research, this section should explain how and why the results may be transferable to similar settings. Generalizability is not discussed in qualitative studies.

## Add Section Heading - optional

Additional sections and subsections can be added if deemed to be appropriate.

| **Criterion****\*(Score = 0, 1, 2, or 3)** | **Learner Score** | **Chair Score** | **Committee Member #1****Score** | **Committee Member #2****Score** |
| --- | --- | --- | --- | --- |
| **\*Use the following scale to score each requirement:**0 = Not Present. Substantial Revisions are Required.1 = Present. Does Not Meet Expectations. Revisions are Required.2 = Acceptable. Meets Expectations. Some Revisions May be Suggested or Required.3 = Exceeds Expectations. No Revisions are Required. |
| **INTERPRETATIONS, IMPLICATIONS, LIMITATIONS, AND GENERALIZATIONS**The above sections conveys the specific findings of the study. Present, in detail, all conclusions based on the data analysis and findings in Chpater 4. Relate all findings back to the literatureand significant themes relative to the body of knowledge covered throughout Chapter 2. These section should describe what could happen because of this research by providing theoretical, practical, and future implications. (Minimum one to six pages) |
| **Theoretical Implications.** Provides a reflective examination of the theoretical framework presented in Chapter 2. Connects the findings of the study back to the theoretical /conceptual framework and the study results are discussed in context to how the results advance a practitioner’s knowledge of that theory, model, or concept. |  |  |  |  |
| **Practical Implications and Future Implications.** Connects the study findings to the prior research discussed in Chapter 2.  |  |  |  |  |
| **Limitations and Generalizations.** Indicates all limitations of the study, critically evaluates weaknesses of the study, and why/how conclusions are credible given the methodology, research design, and results. |  |  |  |  |
| Section is written in a way that is well structured, has a logical flow, uses correct paragraph structure, uses correct sentence structure, uses correct punctuation, and uses correct APA format according to WU writing policy. |  |  |  |  |
| **Reviewer Comments:** |

## Recommendations for Future Research

In this section, the doctoral candidate provides at least three recommendations for future research that would complement or advance the results of the study. Specific methods, designs, target populations, or other details should be included in the recommendations.

| **Criterion**\***(Score = 0, 1, 2, or 3)** | **Learner Score** | **Chair Score** | **Committee Member #1****Score** | **Committee Member #2****Score** |
| --- | --- | --- | --- | --- |
| **\*Use the following scale to score each requirement:**0 = Not Present. Substantial Revisions are Required.1 = Present. Does Not Meet Expectations. Revisions are Required.2 = Acceptable. Meets Expectations. Some Revisions May be Suggested or Required.3 = Exceeds Expectations. No Revisions are Required. |
| **RECOMMENDATIONS FOR FUTURE RESEARCH**This section should contain a minimum of four to six recommendations for future research as well as a full explanation for why each recommendation is being made. The recommended research methodology/design should also be provided. (Minimum one to two pages) |
| The section includes a minimum of two recommendations for practitioners and two recommendations for future research. |  |  |  |  |
| Discusses topic areas that require further examination, or future umplications if identitifed gaps or needs found in the study are not addressed. |  |  |  |  |
| Ensures all recommendations relate to the details presented in Chapter 1 and theoretical foundations written in Chapter 2. |  |  |  |  |
| Section is written in a way that is well structured, has a logical flow, uses correct paragraph structure, uses correct sentence structure, uses correct punctuation, and uses correct APA format according to WU writing policy. |  |  |  |  |
| **Reviewer Comments:** |

## Summary

 In this section, the dissertation candidate summarizes the main findings from the conclusions chapter. There should not be any subsections in the summary.

# References

The reference list contains all sources cited in the dissertation. There should be one-to-one correspondence between the citations in text and those included in the references. The references follow APA 7th edition and start on a new page after the conclusion of the dissertation.

While formatting references, ensure:

1. They are organized alphabetically.
2. A hanging indent of 0.5” is used.
3. They are double-spaced with no additional space ‘before or after.’
4. DOIs are used whenever available, and hyperlinked.
5. Database URLs are not included.
6. References are predominantly from the last five to ten years.
7. References are from credible sources.

# General Information on Appendices

Appendices are referenced in the text of the dissertation and organized alphabetically, not numerically (Appendix A, Appendix B). The appendices section will begin with a cover page. The title of each appendix begins with a level one heading and is included in the table of contents.

Number the pages in the appendices consecutively. Each appendix should contain only one item. A sample of the appendices cover page and an associated appendix can be found below.

*(Please delete all instructional template notes before submitting the document)*

# APPENDICES

## Appendix A: Type Appendix A Title Here

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**Dissertation Formatting Guide**

 Please see the following formatting guides below. Delete this page prior to submission of dissertation.

**General Guidelines**

1. The dissertation text should be double-spaced with all paragraphs indented.
2. Font should be black and Times New Roman 12-point (except for tables/figures, see below).
3. All margins should be set to one (1) inch (top, bottom, left, right), on all pages.
4. Page numbers must be at least ¾ inch from the edge of the page.
5. Align text to the left (do not use full justification).
6. The spacing should be set to zero (0) point before and after lines of text (paragraph spacing).
7. Seriation should follow APA 7th edition guidelines.
8. Level headings should follow APA 7th edition (except for chapter titles - see deviations from APA 7th edition below).
9. In-text citations should follow APA 7th edition guidelines. All claims and references to ideas or conclusions found in a source must be properly cited. Results of the doctoral candidate’s findings do not need citation support unless a direct quote from a participant is being used. In these situations, cite the personal communication.
10. Language used in reference to people or people groups should adhere to the bias-free guidelines stipulated by APA 7th edition.
11. Using survey instruments developed by third parties requires the owner's written permission to use or proof of purchase. In this case, the permission or the proof should be provided in an appendix separate from the one that contains the survey.

**Opening Pages**

1. The dissertation title should be bold, in all caps, and in an inverted-pyramid format.
2. On the Title Page itself, there should be no visible page number, though it is considered page 1 of the entire document. Pages prior to Chapter 1 should be numbered by Roman numerals. The pages in the main body of the dissertation should be numbered by Arabic numerals.
3. Entries in the Table of Contents should not be bolded or italicized.

**Tables and Figures**

1. Tables and figures may be displayed in color to enhance clarity.
2. Contents of tables and figures must be no less than 9-point font; notes for tables and figures must be no less than 10-point font; table/figure numbers and titles must be 12-point font.
3. Tables or figures used from alternative sources require copyright permission and should be stipulated in the note under the table/figure along with the reference.
4. Any table or figure should not be divided between two pages. If a table requires more than one page, divide the table so that all separated portions share a common heading row.
5. All tables and figures should have an in-text callout and should be placed as close to their callout as possible.

**Deviations from APA 7th Edition**

1. Chapter titles are to be bold, centered, and in all caps.
2. There should be no visible page number on the title or approval page, though they are counted in the numbering. Use Roman numerals in the top right corner for the Acknowledgements, Dedication, Abstract, Table of Contents, List of Tables, and List of Figures pages. Starting with Chapter One, start your numbering over again at 1, and use Arabic numerals in the top right corner.
3. In the List of Tables page and the List of Figures page the title of the tables and figures will be in standard font (not italic or oblique). Note that this does not apply to the titles of tables and figures within the text (which should be italicized).
4. References will be single-spaced.
5. The appendices section will begin with a cover page.
6. Lists in appendices will be single-spaced.
7. To verify supplemental file requirements, please check the [ProQuest Formatting Requirements](https://about.proquest.com/globalassets/proquest/files/pdf-files/preparing-your-manuscript.pdf).