



A thesis dissertation is a comprehensive research project that is typically required to earn an advanced degree, such as a Master's or Doctorate degree. The following is an outline of the typical structure and sections of a thesis dissertation:

## Title page:

The title page should include the title of the dissertation, the name of the author, the degree for which the dissertation is submitted, the name of the institution, the date of submission, and any other relevant information.

#### **Abstract:**

The abstract is a brief summary of the dissertation, usually between 150-300 words. It should provide an overview of the research question, methodology, findings, and conclusions.

#### **Table of contents:**

The table of contents provides a list of the chapters, sections, and subsections of the dissertation, along with their page numbers.

### **Introduction:**

The introduction should provide background information on the topic, describe the research problem or question, and outline the objectives and scope of the research. It should also provide a justification for the importance of the research and a brief overview of the main findings.

#### Literature review:

The literature review should provide a critical analysis of the existing literature on the research topic. It should identify the gaps and limitations in the previous research and explain how the current study aims to address these gaps.

#### **Methodology:**

The methodology should describe the research design, data collection methods, and data analysis techniques used in the study. It should provide a detailed description of the sample, instruments, procedures, and statistical analysis.

#### **Results:**

The results chapter should present the findings of the study, including descriptive statistics, inferential statistics, and any other relevant data. It should also include graphs, tables, and charts to help illustrate the results.

#### **Discussion:**

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The discussion chapter should interpret the results, compare them with the previous literature, and provide a detailed analysis of the research question. It should also discuss the implications of the findings and suggest future research directions.

#### **Conclusion:**

The conclusion chapter should summarize the main findings of the study and explain their significance. It should also discuss the limitations of the study and suggest recommendations for future research.

#### **References:**

The references section should include a list of all the sources cited in the dissertation, following a specific citation style.

## **Appendices:**

The appendices should include any additional information that is relevant to the dissertation but is not included in the main text, such as raw data, survey questionnaires, or additional figures and tables.

# Should it contained an acknowledgement section?

Yes, it is appropriate and common to include an acknowledgement section in a dissertation. The acknowledgement section is a way for the author to express their gratitude and appreciation to those who have provided support and assistance during the research and writing process. This can include mentors, advisors, colleagues, friends, family, and any organizations or institutions that provided funding or resources. It's important to keep in mind that the acknowledgement section should be brief and professional, and should not include personal anecdotes or irrelevant information. The tone should be respectful and appreciative, while also maintaining a formal and academic style.

#### A sample acknowledgement

Sure, here is a sample acknowledgement for a dissertation:

I would like to express my sincere appreciation and gratitude to all those who have supported me throughout my research journey.

Firstly, I would like to thank my dissertation advisor, [name], for their guidance, support, and invaluable feedback throughout the research process. Their expertise and insights have been instrumental in shaping the direction and focus of my work, and I am extremely grateful for their dedication and commitment.

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I would also like to thank the members of my dissertation committee, [name], [name], and [name], for their valuable feedback and suggestions, which have helped to improve the quality of my research and writing.

I am also grateful to my colleagues and friends, [names], for their encouragement, support, and stimulating discussions. Their insights and feedback have helped me to think more deeply about my research questions and have provided valuable perspectives.

I would like to thank the [institution name] for providing me with the resources and facilities necessary for carrying out my research.

Finally, I am deeply indebted to my family, [names], for their unwavering support and encouragement throughout my academic journey. Their love, patience, and understanding have been a constant source of strength and motivation.

Thank you all for your support, encouragement, and guidance throughout my research journey. I could not have completed this dissertation without your help.

## Should it include a biography?

It is not common to include a biography in a dissertation, but it ultimately depends on the specific requirements of your institution or program. In most cases, a dissertation is a formal academic document that focuses on the research and findings rather than the author's personal background. However, if the dissertation is part of a broader project or if the author's background is relevant to the research topic, a brief bio may be included in the introduction or in a separate section.

If you're unsure whether to include a biography or not, it's best to check with your advisor or the guidelines provided by your institution. They will be able to provide specific guidance on what should be included in your dissertation.

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### Write a sample short biography that may include at the end section of a dissertation

Sure, here is a sample short biography that could be included at the end of a dissertation:

[Your Name] is a [Degree] candidate in [field] at [Institution]. They earned their [Undergraduate Degree] in [Field] from [University] in [Year], and their [Master's Degree] in [Field] from [University] in [Year].

Throughout their academic career, they have been interested in [research interests], with a particular focus on [specific research focus]. This research has been informed by their experience working as a [relevant work experience] at [organization] and [another relevant work experience] at [organization].

During their time at [Institution], they have been involved in [campus involvement or other activities], and have presented their research at several conferences, including [conference names]. In the future, they plan to continue their research in [research area], with the goal of [future career aspirations].

In their free time, [Your Name] enjoys [hobbies or interests], and is an avid [activity or interest].

Overall, [Your Name] is dedicated to advancing knowledge and understanding in their field, and is grateful for the opportunity to have conducted this research as part of their degree program at [Institution].



Assistant Professor, Dept. of Computer Science & Engineering, Bangladesh Army University of Science & Technology (BAUST).

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#### An outline of a dissertation in terms of headlines

Sure, here's an outline of a dissertation in terms of headlines:

## I. Title page

Title of dissertation

Author's name

Institutional affiliation

Date

#### II. Abstract

Brief summary of the dissertation's main findings and contributions

#### **III. Table of Contents**

List of all chapters and sections in the dissertation

## IV. List of Figures and Tables

List of all figures and tables included in the dissertation, with corresponding page numbers

### V. Introduction

Background and context of the research

Research question(s) and objective(s)

Brief overview of the dissertation's structure

### **VI. Literature Review**

Overview of relevant literature and research on the topic

Analysis and synthesis of existing literature

Identification of gaps in the literature

### VII. Methodology

Description of the research methods used

Explanation of the research design and sampling strategy

Data collection and analysis methods

### VIII. Results

Presentation and analysis of the research findings

Explanation of the results in relation to the research question(s) and objective(s)

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## IX. Discussion

Interpretation of the results

Comparison of the results with previous research

Implications of the results for future research and practice

### X. Conclusion

Summary of the main findings and contributions of the research Recommendations for future research and practice

#### XI. References

List of all sources cited in the dissertation, formatted according to a specific citation style

## XII. Appendices

Supplementary materials, technical reports, experimental data, surveys and questionnaires, and other supporting material

It's important to keep in mind that the specific structure of a dissertation may vary depending on the requirements of the institution or program, as well as the nature of the research itself. However, this outline provides a general framework that can be adapted to meet the specific needs of a particular dissertation.

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### **Detailed Explanation of Each Section**

Sure, here's a more detailed explanation of each section of a dissertation:

### I. Title page:

The title page is the first page of the dissertation, and it includes the title of the dissertation, the author's name, the institutional affiliation, and the date. The title should be concise and accurately reflect the content of the dissertation. The author's name and institutional affiliation should be listed as they would appear on official documents.

### II. Abstract:

The abstract is a brief summary of the dissertation's main findings and contributions. It should provide an overview of the research question(s) and objective(s), the research methods used, the main results and conclusions, and the implications of the research. The abstract should be concise and informative, and it should give readers a clear idea of what to expect from the dissertation.

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#### **III. Table of Contents:**

The table of contents is a list of all chapters and sections in the dissertation, along with their corresponding page numbers. It serves as a guide to the structure of the dissertation, and it helps readers navigate the document more easily.

### IV. List of Figures and Tables:

The list of figures and tables is a separate list of all figures and tables included in the dissertation, with corresponding page numbers. This list is useful for readers who may want to refer to specific figures or tables in the dissertation.

#### **V. Introduction:**

The introduction provides background and context for the research, and it explains the research question(s) and objective(s). It should also give readers an overview of the dissertation's structure, and it should provide a clear and concise summary of the main findings and contributions of the research.

#### VI. Literature Review:

The literature review is a critical analysis of existing literature and research on the topic of the dissertation. It should provide an overview of relevant research and theories, and it should identify gaps in the literature. The literature review should also provide a rationale for the research methods used in the dissertation.

### VII. Methodology:

The methodology section describes the research methods used in the dissertation, including the research design and sampling strategy, data collection methods, and data analysis methods. It should explain why the chosen methods were appropriate for the research question(s) and objective(s), and it should describe any limitations of the research methods.

## **VIII. Results and Analysis**

The results section presents and analyzes the research findings. It should provide a clear and concise summary of the main results, and it should explain how the results relate to the research question(s) and objective(s). This section may include tables, figures, or other visual aids to help readers understand the results.

#### **IX. Discussion:**

The discussion section interprets the results and compares them to previous research on the topic. It should provide an analysis of the implications of the results for future research and practice, and it should address any limitations of the study. The discussion section should also explain how the research contributes to the field.

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### **X.** Conclusion:

The conclusion summarizes the main findings and contributions of the research. It should also provide recommendations for future research and practice. The conclusion should be concise and provide a clear and convincing argument for the importance of the research.

#### XI. References:

The references section is a list of all sources cited in the dissertation, formatted according to a specific citation style. This section should include all sources that were used in the dissertation, including books, articles, reports, and other documents.

## XII. Appendices:

The appendices section contains supplementary materials, technical reports, experimental data, surveys and questionnaires, and other supporting material. This section should only include material that is relevant to the research and provides additional context or clarification. All material included in the appendices should be clearly labeled and referred to in the main text when appropriate.

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## **Outline the Appendices section of a dissertation**

Sure, here is an outline of the Appendices section of a dissertation:

## I. Appendices

The Appendices section of a dissertation contains additional material that is relevant to the research but does not fit within the main body of the text. This section typically includes the following:

### A. Supplementary Materials

Tables and Figures: Any tables or figures that were not included in the main text can be included in this section.

Charts and Graphs: Any additional charts or graphs that were not included in the main text can be included in this section.

Audio/Visual Materials: Any audio or visual materials that were not included in the main text can be included in this section.

## **B. Technical Reports and Experimental Data**

Technical Reports: Any technical reports or documentation that is relevant to the research can be included in this section.

Experimental Data: Any raw data or experimental data that was collected during the research can be included in this section.

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## C. Surveys and Questionnaires

Surveys: Copies of any surveys or questionnaires used during the research can be included in this section.

Responses: A summary of the responses received can also be included in this section.

## **D.** Other Supporting Material

Additional Analysis: Any additional analysis that was not included in the main text can be included in this section.

Supporting Evidence: Any other supporting evidence, such as photographs or videos, can be included in this section.

It's important to keep in mind that the Appendices section should only include material that is relevant to the research and provides additional context or clarification. Any material that does not contribute to the research should be left out. Additionally, it's important to label all material included in the Appendices section clearly and to refer to it in the main text when appropriate.