**The sequence in which the project report material should be arranged and bound should be as follows**

1. Cover Page
2. Title Page
3. Declaration by the Candidate
4. Certificate
5. Certificate by External Guide (Applicable for students doing project outside VIT)
6. Abstract
7. Acknowledgement
8. Table of Contents
9. List of Tables
10. List of Figures
11. List of Symbols, Abbreviations and Nomenclature
12. Chapters of the Report
13. Conclusion & Future Work
14. References-**APA FORMAT**
15. Appendices

**Page Dimension and Binding Specifications**

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All text pages as well as program source code listings should be numbered using Arabic numerals at the **bottom center** of the pages.

Font

Times New Roman 12pt font should be used consistently throughout the text.  
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No paragraph should have its opening line at the bottom of a page. A clear, consistent, but not too large a separation must be provided between the paragraphs throughout the thesis.

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Chapter Heading – Font Size: 16, Bold, Times New Roman

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**Line spacing**

The line spacing used should be the same throughout the text, and can be chosen to be between one and a half. The lines in captions for figures and tables, Table of Contents, List of Figures, and List of Tables can be single spaced, if desired.

*A project report on*

**WORDZONE**

*Submitted in partial fulfillment for the award of the degree of*

**BTECH**

*by*

**RITVEAK DUGAR (16BIT0407)**



**SCHOOL OF INFORMATION TECHNOLOGY & ENGINEERING**

March,2020

**WORDZONE**

*Submitted in partial fulfillment for the award of the degree of*

**BTECH**

*by*

**RITVEAK DUGAR (16BIT0407)**



**SCHOOL OF INFORMATION TECHNOLOGY & ENGINEERING**

March,2020

**DECLARATION**

I hereby declare that the thesis entitled “WORDZONE ” submitted by me, for the award of the degree of Specify the name of the degree VIT is a record of bonafide work carried out by me under the supervision of Prof E Sathiyamoorthy

I further declare that the work reported in this thesis has not been submitted and will not be submitted, either in part or in full, for the award of any other degree or diploma in this institute or any other institute or university.

Place: Vellore

Date: Signature of the Candidate

**CERTIFICATE**

This is to certify that the thesis entitled “WORDZONE**”** submitted  
by RITVEAK DUGAR (16BIT0407) SCHOOL OF INFORMATION TECHNOLOGY & ENGINEERING VIT, for the award of the degree of BTECH is a record of bonafide work carried out by him under my supervision.

The contents of this report have not been submitted and will not be submitted  
either in part or in full, for the award of any other degree or diploma in this institute or  
any other institute or university. The Project report fulfils the requirements and regulations of  
VIT and in my opinion meets the necessary standards for submission.

**Signature of the Guide**  **Signature of theHoD**

**Internal Examiner**  **External Examiner**

Date: …………….…..

**CERTIFICATE BY THE EXTERNAL GUIDE**

This is to certify that the project report entitled “**WORDZONE”** submitted by R**ITVEAK DUGAR (16BIT0407)** to Vellore Institute of Technology in partial fulfilment of the requirement for the award of the degree of BTECH in Information Technology is a record of bonafide work carried out by him under my guidance. The project fulfils the requirements as per the regulations of this Institute and in my opinion meets the necessary standards for submission. The contents of this report have not been submitted and will not be submitted either in part or in full, for the award of any other degree or diploma in this institute or any other institute or university.

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**ABSTRACT**

This project is an attempt to bring in various word related paradigms in a single place, where users can learn, understand and find their words.

This project uses NLP to fulfil these. The following are implemented in the project:

1. Findzone - Where user can find words like :
   1. Find Rhyming words (with and without a particular meaning)
   2. Crossword Helper
   3. Scrabble Helper
2. UnderstandZone – Where user can understand their word which includes:
   1. Meaning
   2. Example
3. KnowledgeZone – Where user can know more words related to the entered word like:
   1. Find Opposite words
   2. Find Similar words
   3. Hypernym, Hyponymn and Holonym

**ACKNOWLEDGEMENT**

<Times New Roman, Font 14, Underlined, Bold, CAPS>

It is my pleasure to express with deep sense of gratitude to <Guide name>, <Designation, School name, Vellore Institute of Technology>, for his/her constant guidance, continual encouragement, understanding; more than all, he taught me patience in my endeavor. My association with him / her is not confined to academics only, but it is a great opportunity on my part of work with an intellectual and expert in the field of <area>.

I would like to express my gratitude to <Chancellor>, <VPs>, <VC>, <PRO-VC>, and <Dean Name>, <School Name>, for providing with an environment to work in and for his inspiration during the tenure of the course.

In jubilant mood I express ingeniously my whole-hearted thanks to <Program char-name>. <Program Chair and designation>, all teaching staff and members working as limbs of our university for their not-self-centered enthusiasm coupled with timely encouragements showered on me with zeal, which prompted the acquirement of the requisite knowledge to finalize my course study successfully. I would like to thank my parents for their support.

It is indeed a pleasure to thank my friends who persuaded and encouraged me to take up and complete this task.At last but not least, I express my gratitude and appreciation to all those who have helped me directly or indirectly toward the successful completion of this project.

Place: Vellore

Date: Name of the student

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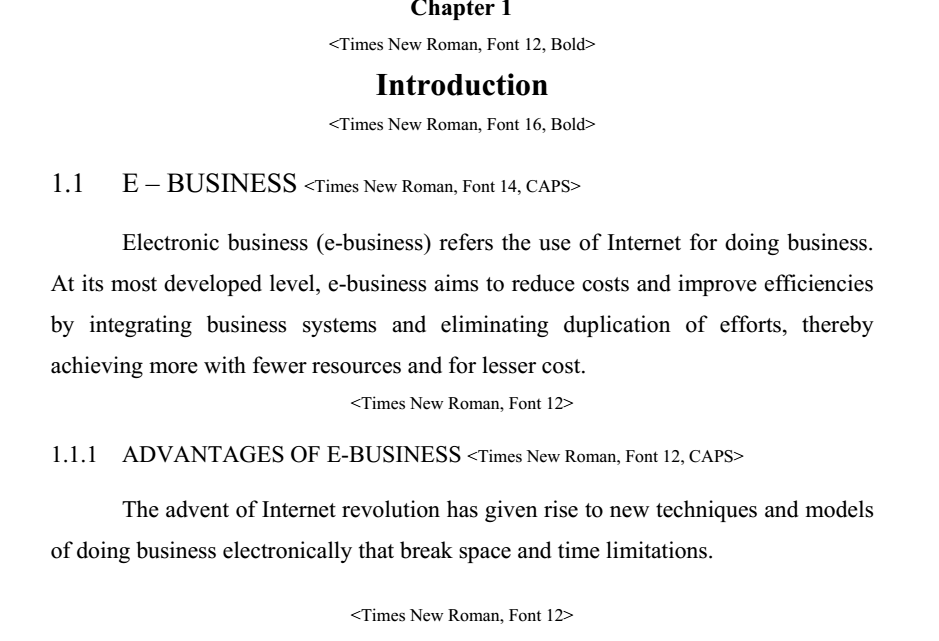
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**LIST OF ACRONYMS**

MANET Mobile Ad hoc Network

WAP Wireless Access Point

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1

Chapter n

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**Conclusion & Future Work**

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This chapter should summarize the key aspects of your project (failures as well as successes) and should state the conclusions you have been able to draw. Outline what you would do if given more time (future work). Try to pinpoint any insights your project uncovered that might not have been obvious at the outset. Discuss the success of the approach you adopted and the academic objectives you achieved. Avoid meaningless conclusions, [e.g. NOT “I learnt a lot about C++ programming”]. Be realistic about potential future work. Avoid the dreaded: “All the objectives have been met and the project has been a complete success”. You have to crisply state the main take-away points from your work. Describe how your project is performed against planned outputs and performance targets. Identify the benefits from the project. Be careful to distinguish what you have done from what was there already. It is also a good idea to point out how much more is waiting to be done in relation to a specific problem, or give suggestions for improvement or extensions to what you have done.

Future scope of the work for improvement may also be included

2

**Appendices**

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Appendices are provided to give supplementary information, which is not included in the main text may serve as a separate part contributing to main theme.

* Appendices should be numbered using Arabic numerals, e.g. Appendix 1, Appendix 2 etc.
* Appendices, tables and references appearing in appendices should be numbered and referred to at appropriate places just as in the case of chapters.
* Appendices shall carry the title of the work reported in it and the same title shall be used in the contents page also.

3

REFERENCES

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Eckart, C. (1951). Surface waves on water of variable depth, Wave Rep. 100, Scripps Inst. of Oceanogr., Univ. of California, pp.99. <For referring reports>

Hasselmann, K., W.H. Munk and G.J.F. MacDonald (1963). Bispectra of OceanWaves, In: M. Rosenblatt (ed.), Time Series Analysis, John Wiley Sons, p. 125, NewYork. <For referring from books edited from a collection of different papers>.

Stoker, J.J. (1957). Water Waves. Interscience, New York. p. 520.

<For referring book>

Tatavarti, Rao V.S.N. and D.A. Huntley (1987). Wave reflection at Beaches. Proc.Canadian Coastal Conference, Quebec City, pp. 241-255, Canada.

<For referring conference proceedings>

Wallace, J.M. and R.E. Dickinson (1972). Empirical orthogonal representation of timeseries in the frequency domain, Part I: Theoretical considerations, J. App.Meteorology, Vol. 11, No. 6, pp. 887-892. <For referring journals>

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