

## **Requirements for Report Writing:**

Your report should meet following standards:

Font Name: Times New Roman

Left Margin: 1.5 inch

Right Margin: 1.25 inch

Top Margin: 1.25 inch

Bottom Margin: 1.25 inch

Header and Footer: 0.5 inch

Line Spacing: 1.5

Paragraph Spacing: 18 pt

Font Size: 12 pt (for normal text)

Follow following standard for headings

### **1. Heading1 (16 pt, Bold)**

#### **1.1 Heading2 (14 pt, Bold)**

##### **1.1.1 Heading3 (13 pt, Bold)**

###### **1.1.1.1 Heading4 (12 pt, Bold)**

## **ARRANGEMENT OF CONTENTS:**

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

1. Cover Page
2. Title Page
3. Certificate
4. Acknowledgment
5. Abstract
6. Table of Contents
7. List of Figures (if any)
8. List of Tables (if any)
9. List of Symbols (if any)
10. Abbreviations (if any)

11. Chapters

12. Appendices (if any)

13. References/Bibliography

- Students can add their own topics or sub-topics as per necessity.
- Justify the report for clean look at both left and right side of page.
- The level of English writing must be appropriate to the level of the Master's degree. Normally, there should be no first person references (e.g., I, we, us) in the report. If self reference is required, reference may be made to "the author" or "this study".

**Page numbering** - The preliminary parts (Acknowledgement, Abstract, Table of Contents, List of symbols, List of figure, List of Tables) are numbered in roman numerals (i, ii, etc). The first page of the first chapter (Introduction) onwards will be numbered in Arabic numerals 1 2 3 etc at the bottom, centered.

## **CHAPTER 1 Introduction**

Provide some background introduction about your project. And then discuss

1.1 Purpose Why you select to develop this project. What is the problem in existing system if any.

1.2 Intended Audience: Who will use this project and what benefit he/she can have from this.

1.3 Product Scope: Where this system can be deployed? Is it for desktop or for server / client scenario? Multiuser or single user?

1.4 Project Features: what kind of project is it? a standalone software, a web based software or something else. Based upon this information, which software model you decided to use. discuss the model with justification.

1.5 Feasibility: discuss whether your project is feasible in terms of cost, technology and schedule.

1.6 System Requirement: Discuss how you developed the SRS and provide SRS.

1.6.1 Functional Requirement

User Use Case

Admin Use Case

1.6.2 Non Functional Requirement

1.7 Hardware/software requirements

1.7.1 For Development

1.7.2 For Deployment

1.8 Team structure

## **CHAPTER 2            System Development**

2.1 Project Management: Provide Gantt Chart

2.2 System Analysis and Design: Provide DFDs (Level0, Level1 and level 2), Data Dictionary, ER Diagram if any

2.3 System Environment: Discuss about IDE and databases used. About programming language.

### **Chapter 3      Design and Implementation**

3.1 Discuss various classes you have used. Their structure ie. What are the various variables used, their purpose. Various methods and their purpose. How different methods are communicating with each other? Provide class diagram. And discuss algorithms of your system.

3.2 Database Design. Discuss different tables, their primary keys and foreign keys, how many are there, in what normal form are they. What kind of data are they storing.

3.3 Provide snapshots of your system

## Chapter 4    Testing

4.1 How you verify the system

4.2 How you validate the system

4.3 what are the different test that you have performed like (unit, integration, alpha, beta, white box, blackbox etc.)

4.4 Test cases

4.5 Results of different test that you have performed on system

Test performed	Input given	Expected output	Actual output	Result (pass/fail)
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## **Chapter 5.     Project Legacy**

5.1 current status

5.2 Problems faced

5.3 Limitations

5.4 Future Enhancements

5.5 Conclusion

**6. Bibliography**

Provide list as per API Notation. Search in google for API notation.