**CONTENT**

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| **Chapter** | **Contents** | **Page No.** |
| **1** | **INTRODUCTION:** Give at least two to three sentences about your project. |  |
|  | **1.1 Description *(Brief description of project)*** The main functionality of the project should be explained in brief |  |
|  | **1.2 Motivation *(any previous research in same field)***: Whether your project is a continuation of any existing technology or application, a new innovation or a new research idea or algorithm has to be explained here |  |
|  | **1.3 Problem Formulation & Methodology Used:** What exact problem your project is solving and what methodology is used for solving it? |  |
|  | **1.4 Relevance of the project *(importance of your project)*** How would it benefit the end users |  |
|  | **1.5 Scope of the project *(scale/range of your project)*:** Extend of how far u project can be completed. This can be in terms of constraints, domain or application related constraints. |  |
|  | **1.6 Objectives of the project** What is the exact outcome of your project. |  |
| **2** | **REVIEW OF LITERATURE *(include at least 3IEEE papers as reference*)** Should be at least 2 pages which gives the ideas referenced by the reference papers. Mark the references wherever appropriate. (Note:- Please don’t write the paper titles and the abstract of papers. ) |  |
| **3** | **SYSTEM STUDY AND ANALYSIS** |  |
|  | **3.1 Existing System/ Concept** (This is intended for application oriented project. This can be the case there is any existing system and you are trying to improvise on it) |  |
|  | **3.2 Proposed System/ Concept** At least 1 page explaining the proposed system or the concept behind the proposed work. |  |
|  | **3.3 Requirement Analysis *( write requirements of the project)*** Should follow the SRS format |  |
|  | **3.4 Requirement Specification *( any specific specification , if any)***  Should follow the SRS format |  |
|  | **3.5 Requirement Validation *( validity of the input requirements)***  Should follow the SRS format |  |
|  | **3.6 Use-Case Diagrams and description**  (Application development projects use-case is mandatory) |  |
| **4** | **ANALYSIS MODELING (Diagrams relevant to your project)** |  |
|  | **4.1 Data Modeling *(E-R Model if any with its associated Data dictionary****)* In case of those applications which are depended on data storage and retrieval. ER Diagram normalized till the third normal form accompanied by the respective data dictionary table |  |
|  | **4.2 State Diagrams /Activity Diagrams / Class Diagram** *Depending on the type of your project u may include the class diagram****.*** |  |
|  | **4.3 Functional Modeling (DFDs *with specifications)****mandatory for all projects* |  |
|  | **4.4 TimeLine Chart *(For the entire year)*** |  |
| **5** | **DESIGN** |  |
|  | **5.1 Architectural Design (*Project Flow /architecture* *with description)*** |  |
|  | **5.2 User Interface Design** GUI for your project |  |
| **6** | **IMPLEMENTATION** |  |
|  | **6.1 Hardware and Software Used** |  |
|  | **6.2 Algorithms / Methods Used**  Mention your algorithm if any or any methodology used. |  |
|  | **6.3 Working of the project *(by using mentioned algorithms with code)*** |  |
| **7** | **RESULTS AND DISCUSSIONS *(final results or outputs)*** |  |
| **8** | **TESTING *(if exists)(white box /black-box / any testing algorithm used)*** |  |
|  | **8.1 Test cases *(conditions on which testing is done)*** |  |
|  | **8.2 Type of Testing used *(explanation and reason of testing method used)*** |  |
| **9** | **CONCLUSION** |  |
| **10** | **FUTURE SCOPE** |  |

**Note: *please remove explanation (written in Italic) from* INDEX. *It is for student’s reference.***

**APPENDIX**

###### GLOSSARY

###### BIBILIOGRAPHY

###### REFERENCES