**CONTENTS**

|  |  |  |
| --- | --- | --- |
| **Topic No.** | **Topic** | **Page no.** |
| 1 | **CHAPTER 1: INTRODUCTION** |  |
| 1.1 | 1.1 Background |  |
| 1.2 | 1.2 Objectives |  |
| 1.3 | 1.3 Purpose, Scope, and Applicability |  |
| 1.3.1 | 1.3.1 Purpose |  |
| 1.3.2 | 1.3.2 Scope |  |
| 1.3.3 | 1.3.3 Applicability |  |
| 2 | **CHAPTER 2: SURVEY OF TECHNOLOGIES** |  |
| 3 | **CHAPTER 3: REQUIREMENTS AND ANALYSIS** |  |
| 3.1 | 3.1 Problem Definition |  |
| 3.2 | 3.2 Requirements Specification |  |
| 3.3 | 3.3 Planning and Scheduling |  |
| 3.4 | 3.4 Software and Hardware Requirements |  |
| 3.5 | 3.5 Preliminary Product Description |  |
| 3.6 | 3.6 Conceptual Models |  |
| 4 | **CHAPTER 4: SYSTEM DESIG**N |  |
| 4.1 | 4.1 Basic Modules |  |
| 4.2 | 4.2 Data Design |  |
| 4.2.1 | 4.2.1 Schema Design |  |
| 4.2.2 | 4.2.2 Data Integrity and Constraints |  |
| 4.3 | 4.3 Procedural Design |  |
| 4.3.1 | 4.3.1 Logic Diagrams |  |
| 4.3.2 | 4.3.2 Data Structures |  |
| 4.3.3 | 4.3.3 Algorithms Design |  |
| 4.4 | 4.4 User interface design |  |
| 4.5 | 4.5 Security Issues |  |
| 4.6 | 4.6 Test Cases Design |  |