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Chapter: 1 Introduction

1. Project Planning and Initiation

Feasibility Study (Step-by-Step):

Phase 1: Preliminary Analysis & Project Scope Definition

Phase 2: Market Feasibility Analysis (or Market Research)

Phase 3: Technical Feasibility Analysis

Phase 4: Financial Feasibility Analysis

2. Target User Profile and Tentative Elicitation Process

3. System Requirements

4. Project Scheduling

- a. Time Frame/ Gantt Chart/Risk Management.

Chapter 2: Design and Implementation

1. Functional Requirements

2. Non Functional Requirements

3. Object-oriented System design using UML

- a. Use Case Diagram
- b. Case Description
- c. Activity Diagram
- d. Sequence Diagram
- e. Class Diagram
- f. ER Diagram

4. Coding: Appendix B

Chapter 3: Software Testing

1. Testing Features

2. Testing Strategies

3. System Testing (All the testing you have learnt with Test Cases and result).

Chapter 4: Deployment and Maintenance (Try to follow Agile from the starting)

1. Try to follow the SRLC(software release life cycle)

Chapter 5: User Manual

Chapter 6: Project Summary

** Workshop will be provided chapter wise.

****Please write everything respect of your projects (DON'T WRITE THE DEFINITION AND DON'T PROLONG THE DISCUSSION UNNECESSARILY)

APPENDIX A: Code