Project Report Format

1. **INTRODUCTION**
    1.1 Project Overview
    1.2 Assignment

2. **INNOVATION & PROBLEM SOLVING**

    2.1 Define problem statement

    2.2 Empathize & Discover

    2.3 Brainstorm& Prioritize the idea

3. **PROJECT DESIGN USING DESIGN THINKING**

    3.1 Proposed Solution (BMC)

    3.2 Problem solution Fit

    3.3 Solution Architecture

4. **REQUIREMENT ANALYSIS USING CRITICAL THINKING**

    4.1 Customer journey maps

    4.2 Functional& operational requirements

    4.3 Analysis, interpretation, modeling

    TECHNICAL ARCHITECTURE/ STACK

    4.4 Technical architecture

    4.5 Open source frameworks

    4.6 Third party API's

    4.7 Cloud deployment

5. **PROJECT PLANNING USING AGILE METHODOGIES**

    5.1 Project milestones & tasks

    5.2 Sprint delivery plan

    5.3 Project progress tracking

    5.4 Project planning tool

6. **CODING AND SOLUTOIONING**

    6.1 Functional features

    6.2 Code layout ,readability, reusability
    6.3 Utilization of algorithms , dynamic programming, optimization
    6.4 Debugging&traceability
    6.5 Expction handling

    ACCEPTANCE TESTING
    6.6 UAT initiation and design
    6.7 UAT execution & report submission
    6.8 Utilization of testing tools

PERFORMANCE METRICS

6.9 Application performance metrics