**📝 Project Report Format**

**1. Cover Page**

* **Project Title**: *Enchanted Wings: Marvels of Butterfly Species*
* **Team ID**: LTVIP2025TMID42172
* **Date of Submission**
* **Team Members’ Names and Roles**
* **Institution/Organization Name**

**2. Acknowledgement**

(A brief section to thank mentors, guides, institutions, or collaborators.)

**3. Abstract**

* A brief summary of the project (150–250 words)
* Problem addressed, methodology, results, and conclusion

**4. Table of Contents**

**5. Introduction**

* Background and motivation
* Objectives of the project
* Scope of the project

**6. Problem Statement**

* Clearly define the problem your project aims to solve
* Describe who is affected and why it is important

**7. Literature Review / Research**

* Summary of existing research, products, or solutions
* Gaps identified that your project aims to address

**8. Proposed Solution**

* Overview of your idea
* Features and benefits
* Technologies used

**9. Methodology**

* Research methods
* Data collection and analysis
* Design and development steps

**10. Solution Architecture**

* Diagram of the system architecture
* Description of system components
* Technology stack used

**11. Implementation**

* Modules/Features developed
* Screenshots, UI descriptions (if applicable)
* Tools and platforms used

**12. Testing & Evaluation**

* Performance testing methods
* Metrics used (accuracy, precision, etc.)
* Results and analysis

**13. Impact Analysis**

* Social impact
* Environmental or economic impact
* Stakeholder benefits

**14. Challenges & Limitations**

* Technical, financial, or operational hurdles
* How they were overcome (or not)

**15. Future Scope**

* Potential improvements
* Possible extensions or integrations

**16. Conclusion**

* Key learnings
* Summary of outcomes

**17. References**

* List of sources (books, articles, websites, etc.)

**18. Appendices**

* Survey forms, diagrams, or code snippets

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