**Feasibility Report**

**Project Title:** InsurAI **–** Corporate Policy Automation and IntelligenceSystem **Prepared by:** Eshita Talukdar **Date:** 21th August, 2025

1. **Introduction**

The proposed system, **InsurAI**, is designed to automate corporate insurance policy management by leveraging artificial intelligence. The platform will streamline policy recommendations, compliance monitoring, and claim handling, thereby reducing manual intervention and improving decision-making accuracy. Before embarking on full-scale development, it is essential to analyze the project’s feasibility from multiple perspectives to ensure its viability.

1. **Technical Feasibility**

From a technical standpoint, the project is achievable with current technologies. The system will be developed using **Spring Boot** as the backend framework, supported by **MySQL** for database management. For intelligent automation, **Spring AI** will integrate with **Gemini APIs**, enabling advanced AI/ML-driven recommendations. Security will be ensured through **JWT** and **OAuth2** for authentication and authorization. Cloud deployment can be managed through services such as **AWS or Azure**, ensuring scalability and accessibility. Given the team’s familiarity with these technologies, technical feasibility is strong.

1. **Operational Feasibility**

Operationally, InsurAI has clear advantages. The automation of policy management processes reduces the administrative burden on employees and minimizes the risk of human errors. The system’s intelligent recommendation engine will enhance decision-making for corporate clients, ensuring policies are optimized according to business needs. User interfaces will be designed to be intuitive for administrators, employees, and customers, ensuring ease of adoption. With appropriate training and support, organizations can incorporate InsurAI into their workflows smoothly.

1. **Economic Feasibility**

The implementation of InsurAI is economically viable. While initial development requires investment in infrastructure, tools, and expertise, the long-term benefits outweigh the costs. Automating manual processes will result in significant savings by reducing operational expenses, improving efficiency, and minimizing compliance risks. Additionally, AI-driven recommendations can improve customer satisfaction and retention, offering indirect financial gains. Considering the balance of costs and benefits, the project promises a positive return on investment.

1. **Legal Feasibility**

The project is legally feasible as it adheres to data privacy and compliance regulations. By implementing secure authentication mechanisms like JWT and OAuth2, along with proper data encryption, the system ensures that sensitive customer information is protected, making it compliant with industry standards.

1. **Conclusion**

Based on the analysis, the **InsurAI system is feasible from technical, operational, economical, and legal perspectives**. The chosen technologies are sufficient to support development, the solution aligns with organizational needs, costs are justifiable, and delivery within the expected timeframe is achievable. Proceeding with the development of InsurAI is strongly recommended.