**CLOUD PERFORMANCE TUNING**

**SYNOPSIS REPORT**

**TITLE:** FoodieBot: Chatbot for placing order

**Concept of application:**

FoodieBot serves as a virtual assistant to enhance the restaurant experience for both customers and staff. Its primary functions include:

1. This application will allow customers to browse the restaurant’s menu with description and prices.
2. It will offer personalized food recommendations based on user preferences.
3. It will also answer common questions about the restaurant, such as hours of operation, location, and policies.
4. It can take and manage table reservations, providing customers with available time slots and confirming bookings.

Overall, it’s primary goal is to simplify and improve the food ordering experience for customers and enhance customer engagement and satisfaction. Also, to increase order accuracy and efficiency.

**Azure Requirements:**

1. Virtual Machine: Azure virtual Machine
2. Resource Scaling: Azure App Service
3. Load Balancing: Azure Load Balancer
4. Caching and data Storage: Azure SQL Database
5. Database performance: Azure SQL Database Performance Insight
6. Network Optimization: Azure ExpressRoute
7. Load Testing Tools: Azure DevTest Labs

**GitHub Link:**

<https://github.com/AkankshaSingh1313/Cloud_performance_tuning.git>

**Google PPT link:**

<https://docs.google.com/presentation/d/1k4ubAkcXZGQ6k9E3QqVqp7YDRVAsox5hHlfwgcWf2q4/edit?usp=sharing>