**Case Study: Cloud Computing for a Small Business**

Case Overview

***Company:*** FreshBites (a fictional local bakery)Industry: Small Business (Retail & Online Orders)

***Challenge:*** Managing online orders efficiently and securelyTechnology Focus: Cloud Computing (AWS, Azure, or Google Cloud)

**Scenario**

FreshBites is a small bakery that recently launched an online ordering system for customers to place pickup and delivery orders. However, they are experiencing challenges:

1. Limited Storage: Their local computer is running out of space to store order details and customer information.

2. Website Downtime: The website sometimes crashes when too many customers place orders at once.

3. Data Backup Issues: They risk losing important order and customer data because everything is stored on one computer.

Your Task

As a cloud consultant, your job is to help FreshBites move their website and order system to the cloud to improve storage, reliability, and security.

*Key Questions to Answer:*

1. Which cloud provider (AWS, Azure, or Google Cloud) would you choose and why?

2. What cloud service should FreshBites use to store customer orders? (Example: Cloud Storage, Database Service)

3. How can the cloud help prevent website crashes during busy hours?

4. What simple security measures can FreshBites use to protect customer data?

Deliverables

Each team must present:

1. A short explanation of their cloud solution

2. A basic diagram showing how FreshBites will use the cloud

3. One benefit and one potential challenge of using the cloud

Judging Criteria

• Clarity and simplicity of the solution

• Understanding of cloud concepts

• Creativity in solving the challenges