

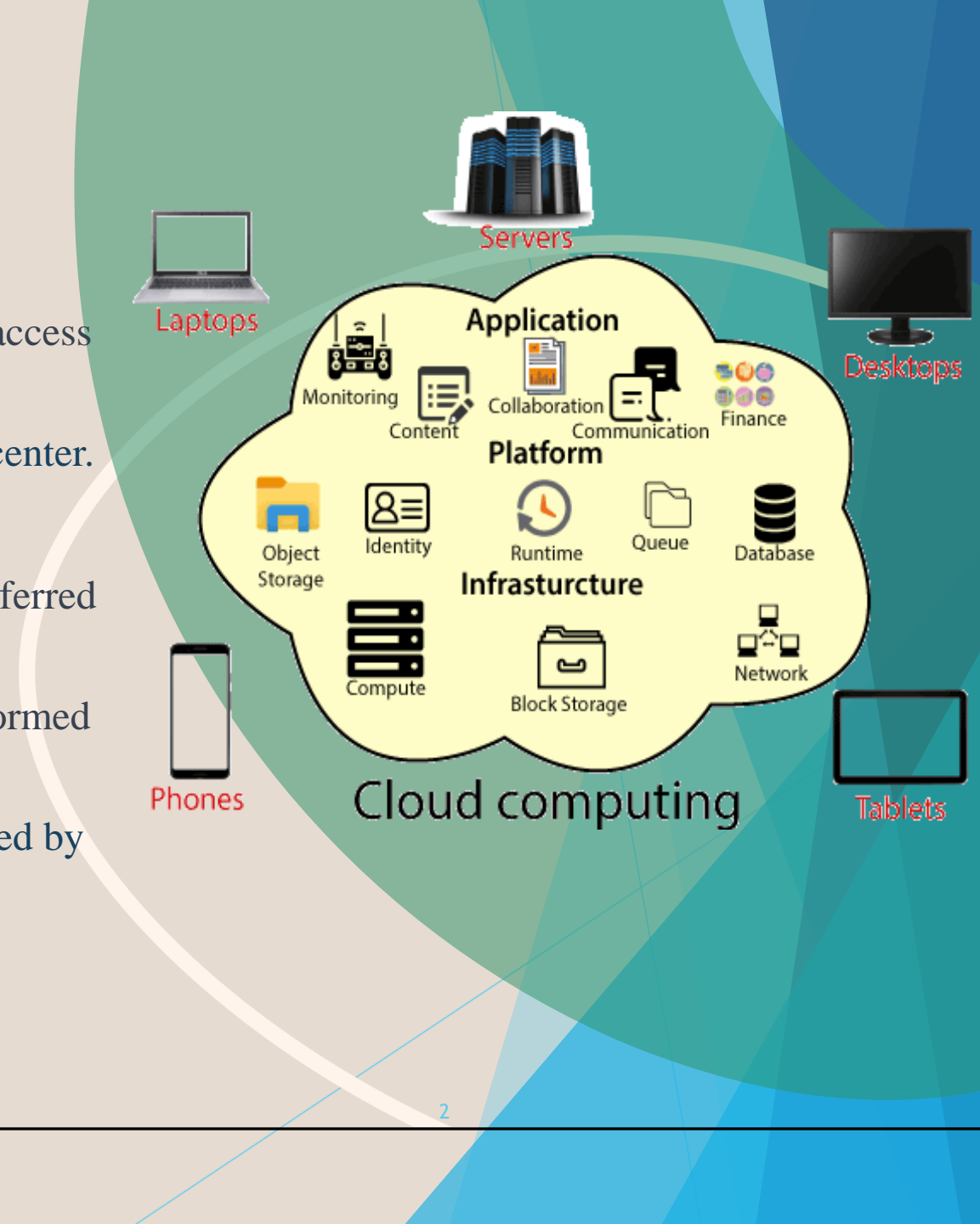
# CLOUD COMPUTING

**Subject code : CSA5790**

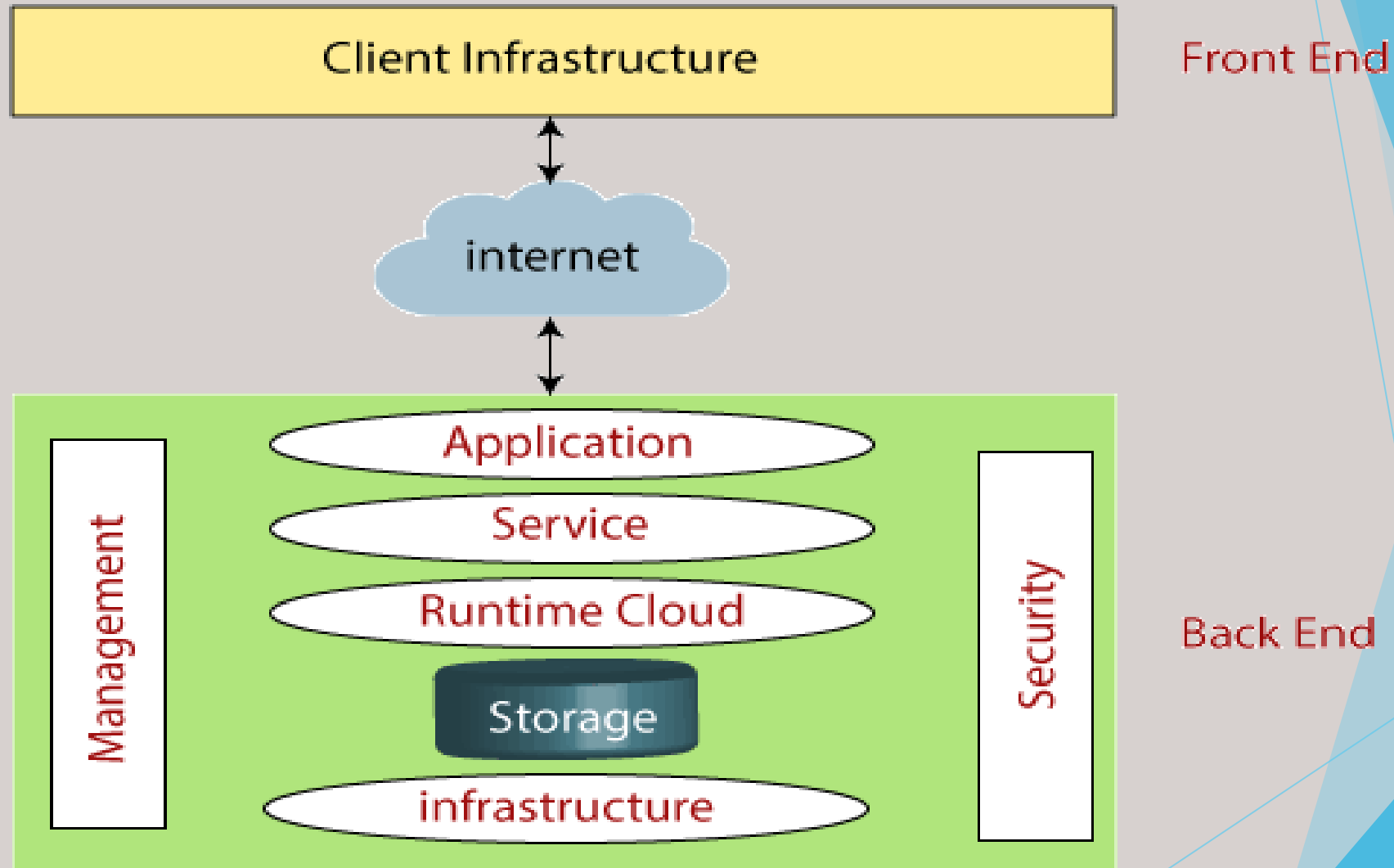
**By team C**

# INTRODUCTION

- ✓ Cloud computing is invented by J. C. R. Licklider in the 1960's.
- ✓ Cloud Computing is a revolutionary technology that allows us to access and store data and applications over the internet
- ✓ Cloud Computing provides an alternative to the on-premises datacenter.
- ✓ Eliminating the need for physical servers.
- ✓ It offers scalability, flexibility, and cost-efficiency, making it a preferred choice for businesses and individuals alike.
- ✓ Today, we'll explore its key features and benefits that have transformed the way we interact with technology."
- ✓ Cloud computing is specially used for storing data. It is mainly used by the social media apps like whats app, Facebook, Instagram, etc.



# Architecture of Cloud Computing



# Explanation of architecture of cloud computing

As we know, cloud computing technology is used by both small and large organizations to store the information in cloud and access it from anywhere at anytime using the internet connection.

Cloud computing architecture is a combination of service-oriented architecture and event-driven architecture.

Cloud computing architecture is divided into the following two parts -

1. Front End

2. Back End

## Front End

The front end is used by the client. It contains client-side interfaces and applications that are required to access the cloud computing platforms. The front end includes web servers (including Chrome, Firefox, internet explorer, etc.), thin & fat clients, tablets, and mobile devices.

## Back End

The back end is used by the service provider. It manages all the resources that are required to provide cloud computing services. It includes a huge amount of data storage, security mechanism, virtual machines, deploying models, servers, traffic control mechanisms, etc.

**Cost Saving**

**Flexibility**

**24/7 Availability**

**Reliability**

**Unlimited  
Storage**

**Advantages of Cloud  
Computing**

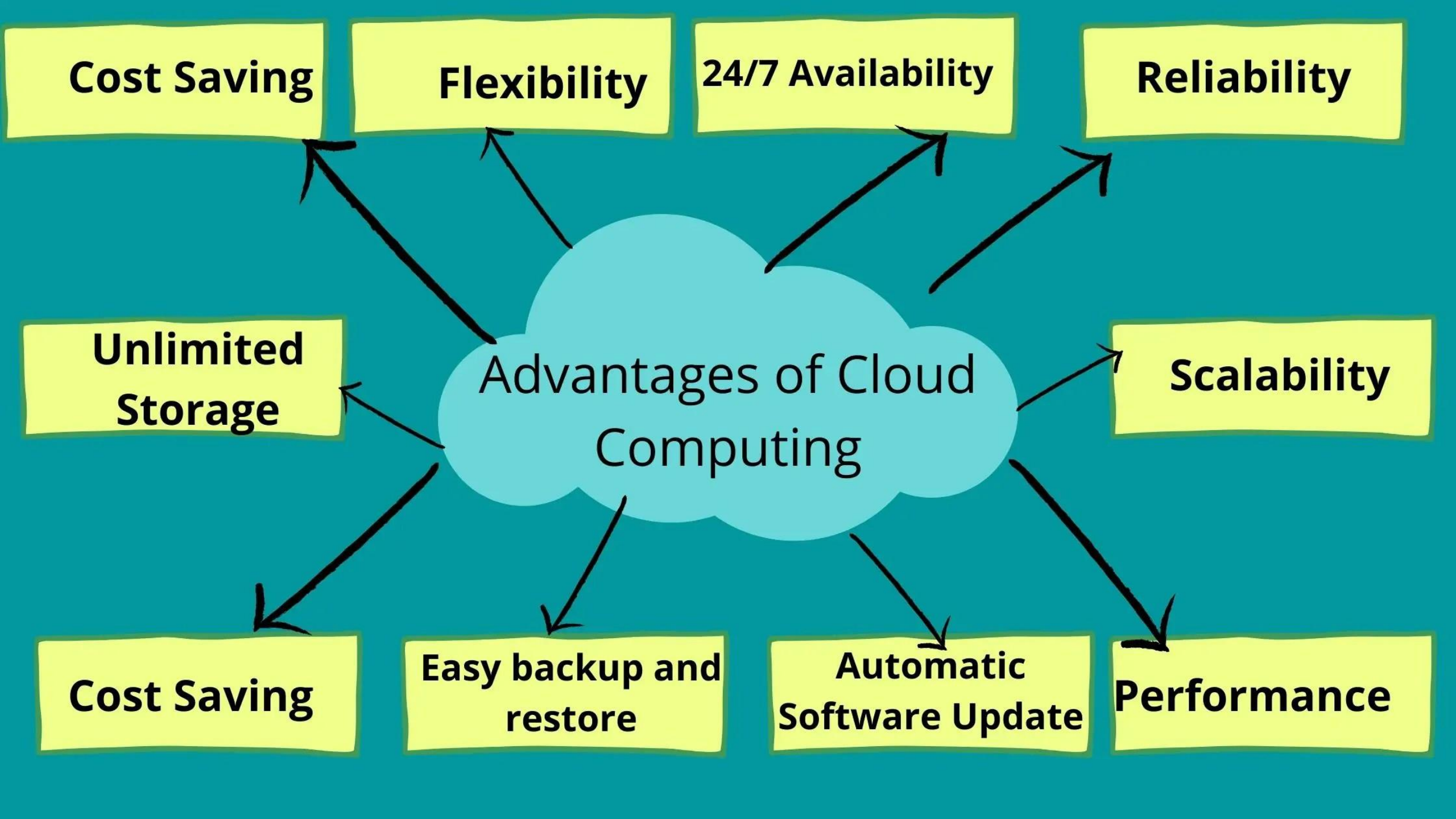
**Scalability**

**Cost Saving**

**Easy backup and  
restore**

**Automatic  
Software Update**

**Performance**



# Disadvantages of Cloud Computing



- ✓ Requires a constant Internet connection.
- ✓ Does not work well with low-speed connections.
- ✓ Can be slow.
- ✓ Features might be limited.



# Cloud Computing



Colocation/  
Remote Services



Backup/DR



Virtual Desktop/  
Applications



Web/App  
Hosting



**Thank  
You**