**1ST REPORTER - Introduction to Integration**

**Types of Integration**

Enterprise Integration – focuses on financial systems

Data Integration – integrating different data sources into a single system.

Electronic Integration – integrating different documents

**Benefits of system integration**

* Streamlining of all correlated data.
* Boosts efficiency
* Improves accessibility
* Eliminates the manual syncing of data

**Challenges of system integration**

* Complex and time consuming
* Costly

**Benefits of Integration Architecture**

* Increased efficiency
* Reliable and Accurate Data is Obtained
* Faster Decision Making
* Reduces Cost

**Key Terms and Concepts**

* **Interfaces**
* **Messages**
* **Interoperability**
* **Middleware**
* **API (application programming interface)**
* **Data Mapping**
* **Data Transformation**
* **Scalability**

**CASE STUDY: Successful Integrated System**

iGovPH - Integrated Government Philippines Project Phase III

* Combine the data used in DOST and DICT Companies
* Used for posting their projects (collaborated projects and individual projects)

Coforge – Digital IT Solutions & Technology Consulting Services

* Known for being digitally enabled in the travelling industry
* Integrates the reservation data, customer relationship management to improve customer satisfaction.

TOGAF –

1. Business Process
2. Application Architecture – UML
3. Data Architecture
4. Technology Architecture

**2nd REPORTER – Reporting and Analytics**

**3rd REPORTER – Data Integration**

* process of combining data from different sources into a

**Benefits**

* Cost Reduction
* Increased Revenue Potential
* Improved Customer Experience