

# Handouts Addendum

## Information Systems CS507

**Lecture: 9**

**Page No:** 30-31-32

**Topic: Transaction Processing System**

**Examples:** Examples of Real Time Transaction Processing systems include: Bank ATM, Ticket Reservation System, Point of sale terminal, Library Loans.

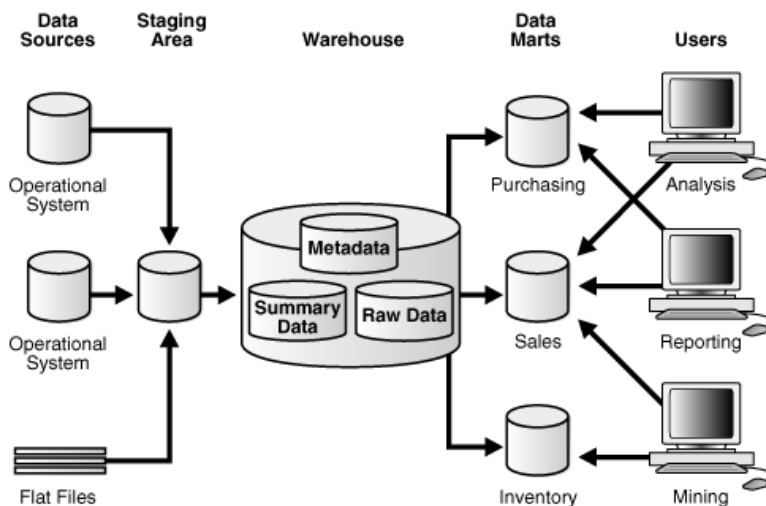
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**Lecture: 10**

**Page No:** 35-36

**Topic: Data Warehouse**

**Example:**



**Lecture: 11**

**Page No:** 41

**Topic: Executive Support System**

**Example:** A good way to think about ESS is to imagine a senior management team in an airplane cockpit with the instrument panel showing the status of all the key business activities.

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**Lecture: 13**

**Page No:** 48-49

**Topic: Manufacturing Information System**

**Content Addition:**

Objectives:

- Identify and eliminate obsolete raw materials
  - Establish multiple sources for critical components
  - Coordinate production with Sales
  - Avoid late raw material deliveries
  - Avoid purchasing material before you need it
  - Know which vendors perform best
  - Build only as needed
  - Avoid critical item shortages
  - Ease the burden of performing an annual physical inventory
  - Include manufacturing activity in your company financial statement
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**Lecture: 13**

**Page No:** 53

**Topic: Computer Aided Design Tools**

**Examples:** AutoCAD, Micro Station

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**Lecture: 31**

**Page No:** 138

**Topic: Identification of threats**

**Content Addition:** New categories of Threats:

Natural Threats:

These can best be thought of as threats caused by Mother Nature e.g., floods, quakes, tornadoes, temperature extremes, hurricanes, and storms are all examples.

Intentional Threats:

Computer crimes are the best examples of intentional threats or when someone purposely damages property or information.

Unintentional Threats:

These threats basically include the unauthorized or accidental modification of software.

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**Lecture: 34**

**Page No:** 147

**Topic: Biometrics**

**Content Addition:** Applications of biometrics in security are as follows:

- Face Recognition biometrics security
  - Fingerprint Identification
  - Hand Geometry biometrics security
  - Retina Scan & Iris Scan
  - Signature biometrics security
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**Lecture: 38**

**Page No:** 159

**Topic: Business Continuity Plan**

**Content Addition:** Elements of Business Continuity Plan are as follows:

1. System dependency mapping
2. Maximum tolerable periods of disruption (MTPOD)
3. Mean time to repair (MTTR)

#### 4. Recovery time objectives (RTO)

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**Lecture: 40**

**Page No:** 169

**Topic: Honeynet**

**Example:** An example of Honeynet is Honeyed that emulates services like Telnet, web server etc. It records all network traffic sent to it & listens on one or many IP addresses.

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**Lecture: 41**

**Page No:** 172

**Topic: E-Commerce vs. E-Business**

**Examples:** Example of E-Commerce vs. E-Business:

Examples of e-commerce are:

- An individual purchases a book on the Internet.
- A government employee reserves a hotel room over the Internet.

An example of E-Business is Amazon.com. Amazon does not operate any physical stores. All of its sales occur through its Website. It is consistently pushing the technological envelope in its search to provide a satisfying, personalized experience for its customers.

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**Lecture: 42**

**Page No:** 183

**Topic: Using SCM Software**

**Example:** Retail Supply Chain Management software is an example of SCM software. It gives full visibility and control of retail supply chain. It puts a charge on what stock you have available helping you increase your sales. It allows monitoring performance of suppliers and acting on that information to save time and money and improve the quality of service.

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**Lecture:** 43

**Page No:** 185

**Topic:** Using ERP Software

**Example:** An example of ERP is OpenERP which is an open source enterprise resource planning software actively programmed, supported and organized by OpenERP. It is similar to many open source projects where customized programming, support, and other services are also provided by an active global community and partner network.