CA – part II

Case Study

‣ **In your lab groups complete the following**
  ‣ Identify the attributes of each entity identified last week
  ‣ Identify the relationships between entities
  ‣ Using your case study, what questions could you ask to test if someone understands:
    ‣ The key components of an ERD (e.g. entity, attribute, relationship)
    ‣ Types of relationships in an ERD
    ‣ Identifiers in ERDs (primary, foreign key)
    ‣ Datatypes
    ‣ Difference between logical and physical diagrams

Edmunds Electrics

- Customer
- Fault
- Sale
- Appliance
- Manufacturer
- Service Centre
- Repair_on_site
- Repair_off_site

- What are the attributes of each?
- What are the relationships?

Linda's Lighting

- Customer
- Employee
- Lighting System Specification
- Lighting System
- Lighting Stock
- Stock Category
- Stock Used
- Stock Order
- Supplier
- Customer Payment
- Supplier Payment
- Department

- What are the attributes of each?
- What are the relationships?

Nursing Home

- Patient
- Booking
- Special Treatment
- Treatment Type
- Food Allowed/Food Restricted
- Room
- Bed Type
- Invoice
- Payment

- What are the attributes of each?
- What are the relationships?

Football Competition

▶ Team

▶ Club

▶ Competition

▶ Referee

▶ Manager

▶ Match

▶ Player

▶ Sponsor

▶ What are the attributes of each?

▶ What are the relationships?

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