1. **User Data Model**:
   * **Attributes**:
     + User ID (primary key)
     + Username
     + Password (hashed)
     + Email
     + Role (admin, trainer, intern)
     + Profile Information
   * **Associations**:
     + Many-to-One relationship with Batch (for interns)
2. **Batch Data Model**:
   * **Attributes**:
     + Batch ID (primary key)
     + Batch Name
     + Start Date
     + End Date
     + Description (optional)
   * **Associations**:
     + One-to-Many relationship with Intern (many interns belong to one batch)
3. **Training Program Data Model**:
   * **Attributes**:
     + Program ID (primary key)
     + Program Name
     + Description
     + Created By
     + Creation Date
     + Last Updated Date
   * **Associations**:
     + Many-to-Many relationship with Center of Excellence (COE) (a program can belong to multiple COEs)
4. **Center of Excellence (COE) Data Model**:
   * **Attributes**:
     + COE ID (primary key)
     + COE Name
     + Description
   * **Associations**:
     + Many-to-Many relationship with Training Program (a COE can have multiple programs, and a program can belong to multiple COEs)
5. **Training Session Data Model**:
   * **Attributes**:
     + Session ID (primary key)
     + Program ID (foreign key)
     + Date
     + Time
     + Location
     + Maximum Capacity
   * **Associations**:
     + Many-to-Many relationship with Intern (interns attending sessions)
6. **Resource Data Model**:
   * **Attributes**:
     + Resource ID (primary key)
     + Title
     + Description
     + URL
     + Type (e.g., article, video, webinar)
     + Category (optional)
7. **Progress Tracking Data Model**:
   * **Attributes**:
     + Progress ID (primary key)
     + Intern ID (foreign key)
     + Program ID (foreign key)
     + Status (completed/in-progress)
     + Completion Date
     + Assessment Score (if applicable)

https://ddi-dev.com/blog/case/how-weve-created-a-training-management-system-for-a-usa-real-estate-company/