ERD for Retail Staff Training System

department
- id INT
- name VARCHAR(100)
- manager_id INT
- Indexes

employee
- user_id INT
- department_id INT
- Indexes

manager
- user_id INT
- department_id INT
- Indexes

admin
- user_id INT
- Indexes

trainer
- user_id INT
- Indexes

user
- id INT
- name VARCHAR(100)
- username VARCHAR(50)
- email VARCHAR(100)
- password TEXT
- role ENUM(...)
- Indexes

feedbackresponse
- id INT
- feedback_id INT
- responder_id INT
- response_text TEXT
- responded_at TIMESTAMP
- Indexes

assignment
- id INT
- employee_id INT
- module_id INT
- assigned_by INT
- assigned_on TIMESTAMP
- status ENUM(...)
- Indexes

feedback
- id INT
- user_id INT
- module_id INT
- comment TEXT
- rating INT
- created_at TIMESTAMP
- Indexes

trainingmodule
- id INT
- title VARCHAR(200)
- description TEXT
- created_by INT
- Indexes

completion
- id INT
- employee_id INT
- module_id INT
- completed_on TIMESTAMP
- Indexes
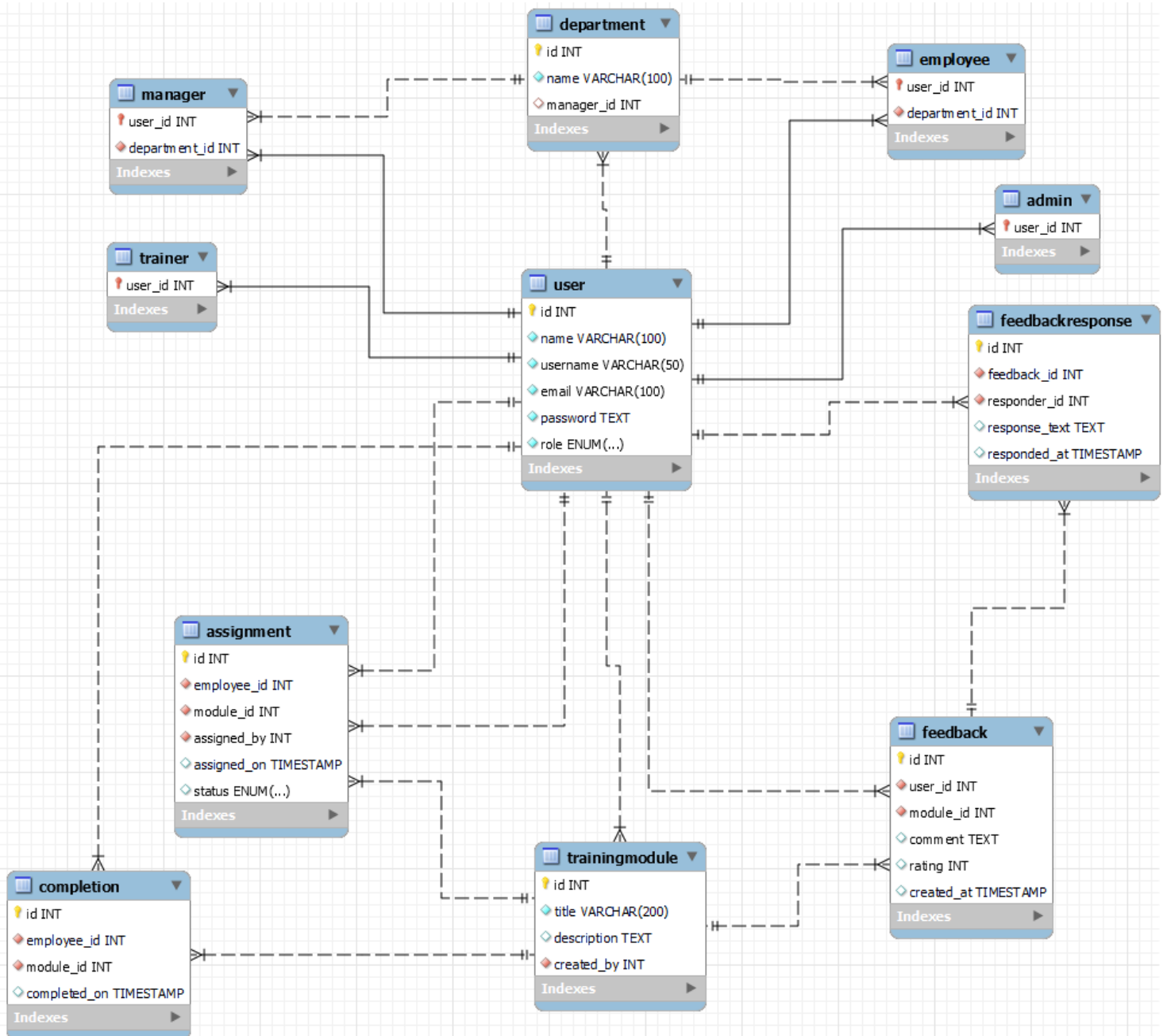
Relationships

User

- Subclassed into:
    - **Admin** – one-to-one
    - **Manager** – one-to-one
    - **Trainer** – one-to-one
    - **Employee** – one-to-one
- Related to:
    - **Department.manager_id** – one manager per department
    - **TrainingModule.created_by** – one trainer creates many modules
    - **Assignment.employee_id** – one employee can have many assignments
    - **Assignment.assigned_by** – one manager assigns many trainings
    - **Feedback.user_id** – one employee can give feedback (1 per module)
    - **FeedbackResponse.responder_id** – one trainer can respond to many feedbacks
    - **Completion.employee_id** – one employee can complete many modules

Department

- Links to:
    - **Manager.department_id** – one department has one manager
    - **Employee.department_id** – one department has many employees

TrainingModule

- Linked to:
    - **Assignment.module_id** – one module assigned to many employees
    - **Feedback.module_id** – one module gets feedback from many employees
    - **Completion.module_id** – one module can be completed by many employees

Assignment

- Connected to:
    - **Employee** – one employee per assignment
    - **Manager** – one manager assigns it
    - **TrainingModule** – one module per assignment

Feedback & FeedbackResponse

- **Feedback**
    - **user_id + module_id** – one feedback per employee per module
- **FeedbackResponse**
    - **feedback_id** – one response per feedback
    - **responder_id** – one trainer can respond to many feedbacks

Completion

- Tracks:
    - **employee_id + module_id** – one unique completion per pair