

ERD Entities and Attributes

Project Description

The **Retail Staff Training Portal** operates as a Django-based web application enabling retail companies to administer staff training programs through role-specific access controls. The system falls under administrator supervision, while managers delegate training tasks to departmental employees. Trainers develop and update global modules, which employees then complete before submitting their feedback. Organisational connections between departments are strictly maintained to verify correct manager-employee associations, while trainers and admins function across departmental boundaries. The system enables the allocation of training modules while simultaneously monitoring learner advancement and managing feedback distribution.

User

Stores all users: admins, managers, trainers, and employees

- **id** – unique user ID
- **name** – full name of the user
- **username** – login name
- **email** – user's email address
- **password** – user's hashed password
- **role** – defines type: admin, manager, trainer, or employee

Department

Groups users under a department

- **id** – unique department ID
- **name** – name of the department (e.g. "Sales")
- **manager** – user who manages the department

TrainingModule

Training courses created by trainers

- **id** – unique module ID
- **title** – name of the training module
- **description** – short summary of the module
- **duration** – estimated duration of the module (in minutes)
- **created_by** – trainer who created the module

Assignment

Tracks training modules assigned to employees

- **id** – unique assignment ID
- **employee** – user (employee) who is assigned the module
- **module** – the assigned training module
- **assigned_by** – manager who assigned the module
- **status** – training status: Not Started, In Progress, or Completed
- **assigned_on** – timestamp when assignment was made

Completion

Records when an employee completes a training module

- **id** – unique completion ID
- **employee** – user who completed the module
- **module** – training module completed
- **completed_on** – timestamp of completion

Feedback

Employees give feedback after completing a module

- **id** – unique feedback ID
- **user** – employee who gives feedback
- **module** – training module being reviewed
- **comment** – optional text feedback
- **rating** – score from 1 to 5
- **created_at** – timestamp of submission

FeedbackResponse

Trainer responds to feedback left by employees

- **id** – unique response ID
- **feedback** – the feedback being responded to
- **responder** – trainer who writes the response
- **response_text** – content of the response
- **responded_at** – timestamp of the response