

Document

- Attributes: `id`, `title`, `content`, `uploaded_by`, `uploaded_at`
- Relationships:
 - One-to-Many with `Question` (Generated questions)

Question

- Attributes: `id`, `text`, `difficulty_level`, `hints`, `generated_from_document`
- Relationships:
 - Many-to-One with `Document` (Document source)
 - One-to-Many with `Answer` (Student answers)

Test

- Attributes: `id`, `title`, `created_for`, `created_at`
- Relationships:
 - Many-to-Many with `Question` (List of questions)

Answer

- Attributes: `id`, `student`, `answer_text`, `submitted_at`, `is_correct`, `feedback`
- Relationships:
 - Many-to-One with `Question` (Question answered)
 - Many-to-One with `Test` (Test containing the answer)

Student

- Attributes: `id`, `name`, `email`, `enrollment_date`
- Relationships:
 - One-to-Many with `Answer` (Answers submitted by student)
 - One-to-Many with `PerformanceRecord` (Performance tracking)

PerformanceRecord

- Attributes: `id`, `student`, `test`, `score`, `feedback`, `recommendations`
- Relationships:
 - One-to-One with `Test` (Test taken by student)

Dashboard

- Attributes: `id`, `student`, `performance_summary`, `recommendations`
- Relationships:
 - One-to-One with `PerformanceRecord` (Performance summary)