## users

| Column | Type | Properties |
| --- | --- | --- |
| id | INT | PK, AUTO_INCREMENT |
| name | VARCHAR(255) | NOT NULL |
| email | VARCHAR(255) | UNIQUE, NOT NULL |
| phone | VARCHAR(20) | NULL |
| password | VARCHAR(255) | HASHED |
| role | ENUM('admin','trainer','student') | DEFAULT 'student' |
| pfp | VARCHAR(255) | NULL |
| resume | VARCHAR(255) | NULL |
| is_active | TINYINT(1) | DEFAULT 1 |
| created_at | TIMESTAMP | DEFAULT CURRENT_TIMESTAMP |

## courses

| Column | Type | Properties |
| --- | --- | --- |
| id | INT | PK, AUTO_INCREMENT |
| name | VARCHAR(255) | NOT NULL |
| description | TEXT | NULL |
| created_by | INT | FK → users(id) |
| created_by_role | ENUM('admin','trainer') | DEFAULT 'admin' |
| is_approved | TINYINT(1) | 0/1 |
| is_active | TINYINT(1) | 1 = active |
| created_at | TIMESTAMP | DEFAULT CURRENT_TIMESTAMP |

## batches

| Column | Type | Properties |
| --- | --- | --- |
| id | INT | PK, AUTO_INCREMENT |
| title | VARCHAR(255) | NOT NULL |
| start_date | DATE | NULL |
| end_date | DATE | NULL |
| course_id | INT | FK → courses(id) |
| created_by_admin | INT | FK → users(id) |
| created_by_trainer | INT | FK → users(id) |
| is_active | TINYINT(1) | DEFAULT 1 |

| created_at | TIMESTAMP | DEFAULT CURRENT_TIMESTAMP |
|---|---|---|

### *user_courses*

| Column | Type | Properties |
|---|---|---|
| id | INT | PK, AUTO_INCREMENT |
| user_id | INT | FK → users(id) |
| course_id | INT | FK → courses(id) |
| role_in_course | ENUM('student','trainer') | NOT NULL |
| created_at | TIMESTAMP | DEFAULT CURRENT_TIMESTAMP |

### *user_course_batch*

| Column | Type | Properties |
|---|---|---|
| id | INT | PK, AUTO_INCREMENT |
| user_id | INT | FK → users(id) |
| course_id | INT | FK → courses(id) |
| batch_id | INT | FK → batches(id) |
| created_at | TIMESTAMP | DEFAULT CURRENT_TIMESTAMP |

### *videos*

| Column | Type | Properties |
|---|---|---|
| id | INT | PK, AUTO_INCREMENT |
| name | VARCHAR(255) | NOT NULL |
| url | TEXT | NOT NULL |
| description | TEXT | NULL |
| thumbnail | VARCHAR(255) | NULL |
| course_id | INT | FK → courses(id) |
| batch_id | INT (NULL) | NULL = all batches |
| uploaded_by | INT | FK → users(id) |
| is_default | TINYINT(1) | 1 = visible to all |
| created_at | TIMESTAMP | DEFAULT CURRENT_TIMESTAMP |