# University Affiliation Management System

Database Schema and ER Diagram

1. users

- user_id (PK)

- username (UNIQUE)

- password

- role (ENUM: admin, college, appraisal)

- created_at

2. colleges

- college_id (PK)

- user_id (FK -> users)

- name

- address

- status (ENUM: active, inactive)

3. applications

- application_id (PK)

- college_id (FK -> colleges)

- course_name

- type (ENUM: new, renewal)

- submission_date

- status (ENUM: pending, approved, rejected, verified)

4. appraisals

- appraisal_id (PK)

- application_id (FK -> applications)

- user_id (FK -> users)

- visit_date

- remarks

- verified_status (ENUM: correct, incorrect, recommended)

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┌───────────────────────┐         ┌──────────────────────────┐         ┌────────────────────────────────┐         ┌──────────────────────────────┐
│       │ user_id (PK)  │  1:N    │        │ college_id (PK)  │  1:N    │             │ application_id (PK)│        │            │ appraisal_id (PK) │
│       │ username      │────────▶│        │ user_id (FK)     │────────▶│             │ college_id (FK)    │        │            │ application_id(FK)│
│ users │ password      │         │colleges│ name             │         │applications │ course_name        │        │ appraisals │ user_id (FK)      │
│       │ role          │         │        │ address          │         │             │ type               │        │            │ visit_date        │
│       │ created_at    │         │        │ status           │         │             │ submission_date    │        │            │ remarks           │
│       │               │         │        │                  │         │             │ status             │        │            │ verified_status   │
└───────────────────────┘   1:N   └──────────────────────────┘         └────────────────────────────────┘ 1:1 or 1:N └─────────────────────────────┘
            └──────────────────────────────────────────────────────────────────────────────────────────▶
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