**universityeducationcompass\_db**

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# 1. Model details

**Model name:**universityeducationcompass\_db

**Version:**2.4

**Database engine:**MySQL

# 2. Tables

## 2.1. Table career\_opportunities

2.1.1. Columns

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Type** | **Properties** | **Description** |
| opportunity\_id | varchar(12) | PK |  |
| department\_id | varchar(12) | null |  |
| job\_title | varchar(100) |  |  |
| job\_description | text | null |  |
| salary\_range | varchar(50) | null |  |

2.1.2. Indexes

|  |  |  |
| --- | --- | --- |
| **Index name** | **Columns** | **Description** |
| department\_id | department\_id (ASC) |  |

## 2.2. Table colleges

2.2.1. Columns

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Type** | **Properties** | **Description** |
| college\_id | varchar(12) | PK |  |
| college\_name | varchar(100) |  |  |
| college\_description | text | null |  |
| required\_GPA | int(11) | null |  |
| university\_id | varchar(12) | null |  |
| colleges\_img\_path | varchar(255) |  |  |

2.2.2. Indexes

|  |  |  |
| --- | --- | --- |
| **Index name** | **Columns** | **Description** |
| university\_id | university\_id (ASC) |  |

## 2.3. Table courses

2.3.1. Columns

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Type** | **Properties** | **Description** |
| course\_id | varchar(12) | PK |  |
| course\_name | varchar(100) |  |  |
| department\_id | varchar(12) | null |  |
| course\_description | text | null |  |
| course\_stage | int(1) | null |  |

2.3.2. Indexes

|  |  |  |
| --- | --- | --- |
| **Index name** | **Columns** | **Description** |
| department\_id | department\_id (ASC) |  |

## 2.4. Table departments

2.4.1. Columns

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Type** | **Properties** | **Description** |
| department\_id | varchar(12) | PK |  |
| department\_name | varchar(100) |  |  |
| college\_id | varchar(12) | null |  |
| department\_description | text | null |  |
| scientific\_department\_message | text | null |  |
| required\_GPA | int(11) | null |  |
| evening\_GPA | int(11) | null |  |
| parallel\_GPA | int(11) | null |  |
| parallel\_study\_fees | int(11) |  |  |
| evening\_study\_fees | int(11) |  |  |
| departments\_img\_path | varchar(255) |  |  |

2.4.2. Indexes

|  |  |  |
| --- | --- | --- |
| **Index name** | **Columns** | **Description** |
| college\_id | college\_id (ASC) |  |

## 2.5. Table login\_credentials

2.5.1. Columns

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Type** | **Properties** | **Description** |
| department\_id | varchar(100) | null |  |
| AdminUserName | varchar(100) | null |  |
| AdminPassword | varchar(1000) | null |  |
| id | int(11) | PK |  |

2.5.2. Indexes

|  |  |  |
| --- | --- | --- |
| **Index name** | **Columns** | **Description** |
| department\_id | department\_id (ASC) |  |

## 2.6. Table student\_projects

2.6.1. Columns

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Type** | **Properties** | **Description** |
| project\_id | varchar(12) | PK |  |
| department\_id | varchar(12) | null |  |
| project\_name | varchar(100) |  |  |
| project\_description | text | null |  |
| project\_supervisor | varchar(100) | null |  |
| student\_name | varchar(100) |  |  |
| student\_projects\_img\_path | varchar(255) |  |  |

2.6.2. Indexes

|  |  |  |
| --- | --- | --- |
| **Index name** | **Columns** | **Description** |
| department\_id | department\_id (ASC) |  |

## 2.7. Table top\_students

2.7.1. Columns

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Type** | **Properties** | **Description** |
| student\_id | varchar(12) | PK |  |
| department\_id | varchar(12) | null |  |
| student\_name | varchar(100) |  |  |
| Graduation\_Year | date |  |  |
| Cumulative\_Rating | int(11) |  |  |

2.7.2. Indexes

|  |  |  |
| --- | --- | --- |
| **Index name** | **Columns** | **Description** |
| department\_id | department\_id (ASC) |  |

## 2.8. Table universities

2.8.1. Columns

|  |  |  |  |
| --- | --- | --- | --- |
| **Column name** | **Type** | **Properties** | **Description** |
| university\_id | varchar(12) | PK |  |
| university\_name | varchar(100) |  |  |
| university\_location | varchar(100) | null |  |
| university\_website | varchar(255) | null |  |
| universities\_img\_path | varchar(255) |  |  |

# 3. References

## 3.1. Reference career\_opportunities\_ibfk\_1

|  |  |  |
| --- | --- | --- |
| **departments** | **0..\*** | **career\_opportunities** |
| department\_id | <-> | department\_id |

## 3.2. Reference colleges\_ibfk\_1

|  |  |  |
| --- | --- | --- |
| **universities** | **0..\*** | **colleges** |
| university\_id | <-> | university\_id |

## 3.3. Reference courses\_ibfk\_1

|  |  |  |
| --- | --- | --- |
| **departments** | **0..\*** | **courses** |
| department\_id | <-> | department\_id |

## 3.4. Reference departments\_ibfk\_1

|  |  |  |
| --- | --- | --- |
| **colleges** | **0..\*** | **departments** |
| college\_id | <-> | college\_id |

## 3.5. Reference login\_credentials\_ibfk\_1

|  |  |  |
| --- | --- | --- |
| **departments** | **0..\*** | **login\_credentials** |
| department\_id | <-> | department\_id |

## 3.6. Reference student\_projects\_ibfk\_1

|  |  |  |
| --- | --- | --- |
| **departments** | **0..\*** | **student\_projects** |
| department\_id | <-> | department\_id |

## 3.7. Reference top\_students\_ibfk\_1

|  |  |  |
| --- | --- | --- |
| **departments** | **0..\*** | **top\_students** |
| department\_id | <-> | department\_id |