Weston Straw

Mark DeJarnett

Cameron Cole

Final Schema Description

* **Curriculum**: Stores the information about the curriculum

1. **name**: Stores the name of the curriculum (linked with curriculumName in CurriculumTopics and curriculum in Goal)
2. **headID**: Stores the unique id of the head person for the curriculum
3. **headName**: Stores the name of the head person for the curriculum
4. **totCredits**: Stores the total credits of the curriculum
5. **maxUnits**: Stores the maximum units of the curriculum
6. **coverage**: Stores the coverage of the curriculum
7. **numGoals**: Stores the number of goals the curriculum has

* **CurriculumTopics**: Stores the link between a curriculum and its topics

1. **curriculumName**: Stores the name of the curriculum (linked with name in Curriculum and curriculumName in CourseTopics)
2. **topicID**: Stores the topicID linked with the curriculum
3. **level**: Stores the level that the topic is at/covers
4. **subjectArea**: Stores the subject area the topic covers
5. **units**: Stores the units the topic has

* **CourseTopics**: Stores the link between a course and its topics

1. **courseName**: Stores the course name to link with (linked with name in Course)
2. **curriculumName**: Stores the curriculum name the topic(s) are a part of (linked with curriculumName in CurriculumTopics)
3. **topicID**: Stores the topic id of the topic course is linked with (linked with topicID in CurriculumTopics)
4. **units**: Stores the topic’s units

* **Topics**: Stores the topics

1. **id**: Stores the unique id of the topic (linked with topicID in CurriculumTopics and CourseTopics)
2. **name**: Stores the name of the topic

* **Goal**: Stores the goals

1. **id**: Stores the unique id of the goal (linked with goalID in CourseGoals and GoalGrades)
2. **description**: Stores a description of the goal
3. **curriculum**: Stores the name of the curriculum the topic is under (linked with name in Curriculum)

* **Course**: Stores the courses

1. **name**: Stores the unique name of the course (linked with courseName in CourseTopics, CurriculumCourses, CourseGoals, CourseSections, and GoalGrades)
2. **subCode**: Stores the subject code of the course
3. **courseNumber**: Stores the course number of the course
4. **creditHours**: Stores the credit hour amount of the course
5. **description**: Stores the description of the course

* **CourseGoals**: Stores the link between a course and its goals

1. **curriculumName**: Stores the name of the curriculum the course/goals are under (linked with curriculumName in CurriculumCourses)
2. **courseName**: Stores the name of the course the goals are linked to (linked with name in Course)
3. **goalID**: Stores the id of the goal being linked to the course (linked with id in Goal)

* **CurriculumCourses**: Stores the link between a curriculum and its courses

1. **curriculumName**: Stores the curriculum name the courses are a part of (linked with curriculumName in CourseGoals)
2. **courseName**: Stores the course the curriculum has (linked with name in Course and courseName in CourseGoals)
3. **optional**: Stores if the course is optional in the curriculum

* **StudentGrades**: Stores the grade distribution for a particular section of a course

1. **semester**: Stores the semester of the section (linked with semester in CourseSections)
2. **year**: Stores the year of the section of the course (linked with year in CourseSections)
3. **sectionID**: Stores the section id of the section (linked with sectionID in CourseSections)
4. **courseName**: Stores the name of the course (linked with courseName in CourseSections)
5. **numAP**: Stores the number of A+ in the class
6. **numA**: Stores the number of A in the class
7. **numAM**: Stores the number of A- in the class
8. **numBP**: Stores the number of B+ in the class
9. **numB**: Stores the number of B in the class
10. **numBM**: Stores the number of B- in the class
11. **numCP**: Stores the number of C+ in the class
12. **numC**: Stores the number of C in the class
13. **numCM**: Stores the number of C- in the class
14. **numDP**: Stores the number of D+ in the class
15. **numD**: Stores the number of D in the class
16. **numDM**: Stores the number of D- in the class
17. **numF**: Stores the number of F in the class
18. **numW**: Stores the number of W in the class
19. **numI**: Stores the number of I in the class

* **CourseSections**: Stores the link between a course and its sections

1. **semester**: Stores the semester of the section (linked with semester in StudentGrades and GoalGrades)
2. **year**: Stores the year of the section of the course (linked with year in StudentGrades and GoalGrades)
3. **sectionID**: Stores the section id of the section (linked with sectionID in StudentGrades and GoalGrades)
4. **courseName**: Stores the name of the course (linked with courseName in StudentGrades and GoalGrades, and name in Course)
5. **enrolled**: Stores the number of enrolled students
6. **comment1**: Stores the first comment about the section
7. **comment2**: Stores the second comment about the section

* **GoalGrades**: Stores the link between a goal and the section

1. **semester**: Stores the semester of the section (linked with semester in CourseSections)
2. **year**: Stores the year of the section of the course (linked with year in CourseSections)
3. **sectionID**: Stores the section id of the section (linked with sectionID in CourseSections)
4. **courseName**: Stores the name of the course (linked with courseName in CourseSections)
5. **goalID**: Stores the goal id of the goal (linked with id in Goal)
6. **goalGrade**: The grade of the goal associated with the section