



Fundamentals of Data Management

Distinction Tasks 6.3.1: Description of the Project

Overview

A short description needs to be uploaded in the week 6 Distinction task to gain approval of your tutor before you can start working on your own topic.

1. Short description about the Database

In this project I will be creating a University Database System.

.....
University are key institutions and is needed by the society. A University that provides good
.....
education and good facilities will persuade people to join them. As a result of this, there is
.....
a need for a system that enables university management in making effective and efficient
.....
decision for students. Because of large number of student, tutors, and staff in university.
.....
data storage is important. Data management in university can be used to retrieve information
.....
about students and other staff. Tutors and staff should also have access to student records
.....
where they store in their results from each unit. Therefore, designing and constructing a
.....
user friendly and reliable database is needed to satisfy university management.
.....
.....
.....
.....

2. List the entities that you could identify in the selected scenario.

There are 8 entities that I will implement in this database, 1.Student, 2.Subjects, 3.Enrolment,
.....
4.Class, 5.Results, 6.Scholarship, 7.Provider, 8.Scholarship_Provider(weak entity).
.....

3. Mention the Cardinality among entities.

.....
A student study one or many subjects. An enrolment also includes one or many subjects.
.....

A subject has one result and each subject is allocated to many classes.
.....

A student may receive zero or many scholarships and scholarships have many providers.
.....

In this project, I will include scholarship_provider as a weak entity.
.....

This means a student may have multiple scholarship from provider and a scholarships
.....
have many providers.
.....
.....
.....
.....