Student Table

Attribute	Data type	Justification
Stud_id	Integer	Student ids are usually numbers. We could use smallint but if there is an influx of students, we will run out of ids. Integer would be a safer choice.
stud_name	Varchar(40)	Accounts for first name, middle, last names and whitespaces in between. The length of a name can vary significantly.
Stud_phone	Varchar(15)	Mobile phone numbers are generally 10 digits but depending on the formatting such as hyphens/spaces or brackets for area code, it can be longer.
Stud_date_of_birth	Date	It's a date
Stud_city	Varchar(20)	The length of suburb names can be significant.
Stud_address	Varchar(100)	This is excluding the city name
Stud_postcode	Smallint	Postcodes in Australia only have 4 digits

Subject Table

Attribute	Data type	Justification
Subj_code	Char(7)	A subject code contains 3 letters and 4 numbers
Subj_title	Varchar(60)	Some subject titles are long. Fundamentals of data management has 31 characters.

Subj_Enrolment Table

Attribute	Data type	Justification
Stud_id	Integer	Student ids are usually numbers. We could use smallint but if there is an influx of students, we will run out of ids. Integer would be a safer choice.
Subj_code	Char(7)	A subject code contains 3 letters and 4 numbers.
Semester	Char(1)	There are only two options, either semester 1 or semester

Attribute	Data type	Justification
		2. It isn't used for any calculations, so it doesn't need to be an integer.
Year	Year	Stores year in 2- or 4-digit format
Comment	Varchar(255)	It may be blank or long. It is not clear what goes into comment.

Grade Table

Attribute	Data type	Justification
Stud_id	Integer	Student ids are usually numbers. We could use smallint but if there is an influx of students, we will run out of ids. Integer would be a safer choice.
Subj_code	Char(7)	A subject code contains 3 letters and 4 numbers
Semester	Char(1)	There are only two options, either semester 1 or semester 2. It isn't used for any calculations, so it doesn't need to be an integer.
Year	Year	Stores year in 2- or 4-digit format
Grade	Char(2)	Using varchar is not very meaningful as the value can only be one or two values long.