

Data Dictionary for BCPR203

Table Name	Attribute Name	Data Type	Length	Key (P/F)	Table Name of Foreign Key	Constraints	Description
Student	studentID	Char	4	PK			Unique code, this is assignment not an actual database, so I assumed length of studentID as 4 as its char, if its first student, will be 0001
	firstName	Varchar	25				Peter told us to use 25
	lastName	Varchar	25				Peter told us to use 25
Course	courseCode	Char	7	PK			From spreadsheet, its exact 7 long course code
	numOfDays	int					Number of days, integer
	numOfSessions	int					Number of sessions, integer
	program	ENUM					Lists of program, there are more than one options, so give like drop down option which ENUM does

Sessions	sessionID	Int		PK			Just needed to make a primary key to determine each date, time and branch for session. So chose integer and auto_increment option
	sessionDate	Date					Pre-booked date from spreadsheet
	sessionTime	ENUM					There were three options currently, Morning, Afternoon and Evening, so like drop down option I mentioned above from Frontend, so ENUM
	branchName	ENUM					Same reason as above, there are 7 different branches around.

Table Name	Attribute Name	Data Type	Length	Key (P/F)	Table Name of Foreign Key	Constraints	Description
Attendance	studentID	Char	4	PK F K	Student		Unique code, this is assignment not an actual database, so I assumed length of studentID as 4 as its char, if its first student, will be 0001
	sessionID	int		PK F K	Sessions		Just needed to make a primary key to determine each date, time and branch for session. So chose integer and auto_increment option
	attendanceDate	date					The date that student attended their class
Enrolment	startDate	Date					Date each student start
	lastActiveMoodle	Date					Last date they were on Moodle
	completed	Boolean					Check whether they finished or not by using True or False
	note	Text					
	studentID	Char	4	PK F K	Student		Same explanation from table Stdudent and
	courseCode	Int	7	PK F K	Course		Course, don't want to go over this page...