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		NOT NULL	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			NOT NULL	Peter told us to use 25
	lastName	Varchar	25			NOT NULL	Peter told us to use 25
Course	courseCode	Char	7	PK		NOT NULL	From spreadsheet, its exact 7 long course code
	numOfDays	int	unsigned			NOT NULL	Number of days, integer
	numOfSessions	int	unsigned			NOT NULL	Number of sessions, integer
	program	ENUM				NOT NULL	Lists of program, there are more than one options, so give like drop down option which ENUM does

Sessions	sessionID	Int		PK		NOT NULL, AUTO_INC REMENT	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|FK	Student	NOT NULL	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|FK	Sessions	NOT NULL	Just needed to make a primary key to determine each date, time and branch for session. So chose integer and auto_increment option
	attendanceDate	Text				NOT NULL	The date that student attended their class if they haven't, will be stored as 'Not Attended' date form is 'August 27 2018'
Enrolment	startDate	Date				NOT NULL	Date each student start
	lastActiveMoodle	Date					Last date they were on Moodle
	completed	Boolean				NOT NULL	Check whether they finished or not by using True or False
	note	Text					
	studentID	Char	4	PK|FK	Student	NOT NULL	Same explanation from table Stduent and

	courseCode	Int	7	PK|FK	Course	NOT NULL	Course, don't want to go over this page…