Coding Bootcamp

Individual Project Brief

During the development of this project you need to do the implementation of a private school structure.

Below there is the design that you need to do the implementation upon.

Design of a Private School Structure

Course
-title
-stream
-type
-start_date
-end_date
+getTitle   +setTitle
+getStream   +setStream
+getType   +setType
+getStartDate   +setStartDate
+getEndDate   +setEndDate

Trainer
-firstName
-lastName
-subject
+getFirstName   +setFirstName
+getLastName   +setLastName

Student	Assignment
-firstName -lastName -dateOfBirth -tuitionFees	-title -description -subDateTime -oralMark -totalMark
+getFirstName +setFirstName +getLastName +setLastName +getDateOfBirth +setDateOfBirth +getFees +setFees	+getTitle +setTitle +getDescription +setDescription +getSubDateTime +setSubDateTime +getOralMark +setOralMark +getTotalMark +setTotalMark

This private school supports multiple courses.

Each course can have multiple trainers, students and assignments.

For example,

the Course CB8 has full time Java and C# and part time Java and C#.

The CB8 course starts on 1/1/2019 and ends at 31/3/2019.

On this CB8 course there are 20 students enrolled and 8 trainers that teach.

During the bootcamp the students need to submit five (5) assignments and two (2) projects, one individual and one team project.

The application that you will build needs to hold in a database multiple courses along with the enrolled students, the trainers that teach the subjects and the assignments / projects that the students need to submit during the course duration.

This individual project will break into to parts. On the next brief you will get detailed information on what you need to implement.