Project Brief

The Chinook Music Company is an online music store selling albums to the public. You are required to create a **CRUD (Create, Read, Update, Delete)** web application that will let a Chinook employee administer the albums they have for sale.

Before You Begin

Download and extract the contents of `CourseworkTwo.zip` (This zipped folder can be found on MyUWS/Moodle.)

Inside the extracted `CourseworkTwo` folder, you will find:

- An empty folder named `Project`
- An SQLite database named `chinook.db`
- A database diagram named `database-diagram.pdf`
- A workspace file named `project.code-workspace`

Carefully examine the SQLite database. (*You will be using it later!*)

Open up `CourseworkOne.code-workspace` in Microsoft Visual Code 2019. **You are required to create your CRUD web application inside the `Project` folder** – using **ASP.NET Core 3**, and either **Razor** or **MVC**.

Detailed Specification & Marking Scheme

Fit for Purpose

- The CRUD web application you create must be simple and intuitive to use (**5 marks**)
- All web pages/views must pass W3C HTML and CSS validation (**5 marks**)

Reading Records

- A Chinook employee must be able to view album titles (from the `Albums` table) (**5 marks**)
- A Chinook employee must also be able view related information – such as albums artists from the `Artists` table and albums track listings from the `Tracks` table (**5 marks**)

Creating Records

- A Chinook employee must be able to add new album titles to the `Albums` table (**5 marks**)
- A Chinook employee must also be able to add related information – such as albums artists to the `Artists` table and albums track listings to the `Tracks` table (**5 marks**)

Updating Records

- The Chinook employee must be able to update album titles inside the `Albums` table (**5 marks**)
- The Chinook employee must also be able to update related information – such as the albums artists inside the `Artists` table and the albums track listings inside the `Tracks` table (**5 marks**)

<u>Deleting Records</u>

- The Chinook employee must be able to delete album titles from the `Albums` table (**5 marks**)
- A *"confirmation pop-up"* must be used to ensure no album title is accidentally deleted. (**5 marks**)

Documentation (10 marks)

You are required to write a "step-by-step user guide" that will allow a Chinook employee to work with your CRUD web application. In writing this documentation – assume that the eventual end user of your CRUD web application has absolutely NO programming experience!

After You Finish

Place your documentation inside your `CourseworkTwo` folder

Zip up your `CourseworkTwo` folder (*including your CRUD web application and documentation*).

*** MAKE SURE YOU UPLOAD YOUR ZIPPED PROJECT TO MyUWS/MOODLE BEFORE THE PROJECT DEADLINE ***