IS 413 – Hilton
Mission #11 Assignment

Jeff Bezos was 30 years old when he quit his job and founded Amazon in 1994, selling books online out of his garage. His parents provided the seed money of $250,000. Amazon launched their website in 1995, where revenue totaled $511,000 in their first five months. After receiving an additional $8 million in funding in 1996, total revenue that year jumped up to $15.7 million. The company went public in 1997, just shy of three years after the company was founded, and Bezos made approximately $54 million in that IPO. By 1999, five years after starting Amazon, Bezos made his first appearance on the Billionaires list. Bezos has said: *"A brand for a company is like a reputation for a person. You earn reputation by trying to do hard things well."*

It took a <u>full year</u> to develop, test, and debug the Amazon website. We are going to build something similar in just a few weeks using ASP.NET Core MVC over the course of the next few assignments. This assignment focuses on creating the database portion of the web app.

Create a web app for an online bookstore. For each book, we want to store the following info:

- Title
- Author
- Publisher
- ISBN

- Classification/Category
- Number of Pages
- Price

All fields are required. Connect to the database located at this link:

https://byu.box.com/s/psbqlvg2yodpuby833w2t5dwinm567b8

Ensure that your models match the tables in the database. (NOTE: The database has been prepopulated with some of Prof. Hilton's favorite books he's read or listened to in the past few years.)

Build a component that lists out the information for each book in the database. Add pagination to the app so that we list out 5 books per page for as many books as are in the database. Allow the user to change the number of results per page. Add the component to the App.tsx file. Style your page using Bootstrap.

Add the ability (on the client-side only) to allow the user to sort by Project name. (#notcoveredinthevideos). Utilize AI to help you learn how you can do it and then implement it.

Submit a link to the GitHub repository containing your assignment via Learning Suite.