

## IS 413 – Hilton

### Assignment #5

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 an approximate \$54 million in that IPO. By 1999, five years after starting Amazon, Bezos made his first appearance on the Billionaires list. He 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 full year 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 information:

- Title
- Author
- Publisher
- ISBN
- Classification/Category
- Price

All fields are required. Use the “Model First” approach described in the videos to set up and create the database that we will use for the app. The ISBN needs to be entered in a valid format. Include a “BookId” field that can be used as a primary key. Use good normalization principles (i.e. no non-atomic fields, no repeating groups).

Seed the database using some of Prof. Hilton’s favorite books he’s read over the last few years (found in the table on the next page).

Once the database has been created, list out all the books from the database on the Index view. Be sure to style your page using Bootstrap (#notcovered in the videos, but there is a section at the end of Chapter 7 in the Freeman textbook that goes over some styling techniques.)

**Submit a link to the GitHub repository containing your assignment via Learning Suite.**  
**(NOTE: If you cannot submit via GitHub, you can submit a link to a .zip file, but you will lose 5 points.)**

<b>Title</b>	<b>Author</b>	<b>Publisher</b>	<b>ISBN</b>	<b>Classification/Category</b>	<b>Price</b>
Les Miserables	Victor Hugo	Signet	978-0451419439	Fiction, Classic	\$9.95
Team of Rivals	Doris Kearns Goodwin	Simon & Schuster	978-0743270755	Non-Fiction, Biography	\$14.58
The Snowball	Alice Schroeder	Bantam	978-0553384611	Non-Fiction, Biography	\$21.54
American Ulysses	Ronald C. White	Random House	978-0812981254	Non-Fiction, Biography	\$11.61
Unbroken	Laura Hillenbrand	Random House	978-0812974492	Non-Fiction, Historical	\$13.33
The Great Train Robbery	Michael Crichton	Vintage	978-0804171281	Fiction, Historical Fiction	\$15.95
Deep Work	Cal Newport	Grand Central Publishing	978-1455586691	Non-Fiction, Self-Help	\$14.99
It's Your Ship	Michael Abrashoff	Grand Central Publishing	978-1455523023	Non-Fiction, Self-Help	\$21.66
The Virgin Way	Richard Branson	Portfolio	978-1591847984	Non-Fiction, Business	\$29.16
Sycamore Row	John Grisham	Bantam	978-0553393613	Fiction, Thrillers	\$15.03