Final Mission
IS 413 - Hilton

NOTE: This exam is to be completed by you and you alone without help from others. However, you may use your notes, textbook, videos, search engines, past programs, and generative AI to help. Please do not share either this document or the content with others, which could result in failure for both you and any individuals you share the exam with. Additionally, where the exam is graded on a curve, sharing with others will only hurt your own chances. Please maintain your integrity. This is a timed programming exam. You have 3 hours to complete this exam. You will submit the exam by entering your link as the response to the short answer question. If you run out of time, submit what you have for partial credit.

Instructions

For this exam, you will build an app that uses a .NET Web API back end and a React front end. Build an app that uses a SQLite version of the EntertainmentAgencyExample database. The file can be downloaded here:

https://byu.box.com/s/sxnjd3sj6b1dmayjlmfdhjrlxvvuy9i2

Build a landing page that welcomes the user to the Entertainment Agency site and provides a link to another page where the user can see a list of the stage names of the potential entertainers to book, a count of how many times they have been booked, and the last date they were booked. Add an "Add Entertainer" button at the bottom of that page that allows the user to add another entertainer to the database.

Next to each stage name on the list, add a "Details" button that takes the user to a separate page where all the fields in the Entertainers label are listed. On that Entertainers Details page, give the user the ability to Edit or Delete the entertainer.

Style the app using Bootstrap and build in the navigation to the Home Page and the Entertainers List page. As always, write good, clean, well-organized code.

Zip your project and submit a link (Box, Google Drive, OneDrive, etc.) to your .zip file as the response to the short answer question in the Exam prior to the deadline. Make sure the link is PUBLIC if you want to get credit for the exam.

Extra Credit Opportunity (+2 bonus points):

Deploy your app to Azure and submit the link to your site along with the link to your .zip file.