Developer Challenge

Intro

Thank you for your interest in the Senior Software Developer position at WarnerMedia for the **Crossroad** team. We have asked you to complete a developer challenge to assess your hands-on development skills and to start a conversation during the technical interview. Among other topics discussed during the technical interview, we talk about the problem solving, thinking style and coding ability of your submitted challenge.

Business Requirements

- Build a Web application that displays Title information
- The user must be able to search for a Title by its name.
- The system must display the titles that match the above criteria.
- The system must allow the user to pull up detailed information about a selected title from the list.

Technical Requirements

For the **Crossroad** project, we would like you to perform this task using the following tech stack:

- SQL Express --> https://www.microsoft.com/en-us/sql-server/sql-server-downloads
- Attached to this email is a zipped version of data to seed your instance. *(NOTE: Within the zip file, the file extension has been changed from .sql to .txt to avoid attachment inspection issues on email servers. If the attachment doesn't exist, please reach out immediately.)*
- Create an API layer in C# --> this may be .NET Core or .NET Framework
- Create a front-end with React-Redux v7.2
- Include a readme.txt (or readme.md) file that gives steps on how to setup the project to be executed (you can omit the SQL Express setup).

Timeline

You have up to **48 hours** from the time of this email to complete the challenge.

Delivery

- Push it up to a github or bitbucket public repository.
- Send an email with a URL to your repository.

Hints

- Be creative and do your best to impress us! This is your opportunity to show us how you code a task.
- Form is as important as function. If your app works, but is written like a website from 2001, that would be bad.
- We're suckers for clean and modern code.
- Time permitting, feel free to add enhancements to the listed requirements.
- Be prepared to explain any architectural decisions you make.
- Treat this code as if it was going to production (i.e., Good comments, remove dead code/templated code, etc.)

Summary

Following completion, we will review your submission and see that it met the requirements. If the requirement were met, we will schedule a video conference call to have the technical interview. Please be prepared to present and demo your code. We will be working with WebEx (https://www.webex.com/) for the interview.