**WorkBC CTT Local Setup**

1. Prerequisites

\* NodeJS 10

\* MS SQL Server

\* Visual Studio

\* .NET 3.1 SDK (The project will fail to build with SDK 6.0)

1.a NodeJS

Download NodeJS 10 here: https://nodejs.org/en/blog/release/v10.19.0

Use NVM to install it so you can have more than one version of NodeJS on your machine.

https://github.com/coreybutler/nvm-windows

1.b MS SQL Server

Download SQL Server 2017 or newer: https://www.microsoft.com/en-ca/download/details.aspx?id=55994

Be sure to download SQL Server Management Studio as well: https://docs.microsoft.com/en-us/sql/ssms/download-sql-server-management-studio-ssms?view=sql-server-ver15

1.c Visual Studio

Download Visual Studio 2022 or later: https://visualstudio.microsoft.com/downloads/

The community version will work fine for the project.

2. Setting up databases

There is one type of databases in the project:

\* SQL Server database- WorkBC\_CareerTransitionTool (Backup of DB is attached here.)



\* This will be used to save occupations, and any other related data.

**Setup:**

\* Follow steps 1 to get the solution building successfully.

\* Open Microsoft SQL Server Management Studio

\* Connect to your localhost server

\* On Microsoft SQL Server Management Studio, right-click on Databases and “Restore Database…”

\* Select “Device” option and find the extracted file (shared in Step 2) to select it and restore.

\* Change the appSettings file in project folder path: ~WorkBC Career Transition Tool API\appsettings.json to local database server instance and DB name. Also, update the source code paths as needed.

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\* Go to Command Prompt 🡪 Run as administrator 🡪 Type cd ~(local path)\WorkBC Career Transition Tool API and navigate to the project folder.

\* Run the command “dotnet run”

\* Launch the Swagger - [Swagger UI](http://localhost:5000/index.html)

\* Test Occupations with any test NOC value:

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* You should receive a response code of 200 with following output:
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