Project Id Sheet with Deployment Guide Better Books

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# About Better Books

This project helps to organize book sharing in small community. Members can offer or/and request books to read. The system is to act like the company blockbuster but with free book rentals instead of paying for movie rentals. We would start small with Kitchener and eventually and slowly expand to other town such as Waterloo, and Cambridge. The website is being hosted through Microsoft Azure and is actively running. The link to access the website will be listed in the quick start section of this document. Our goal for Better Books is to become a completely self-sustaining website is run by the users interacting with each other to send and receive the books they wish to read and have the books be returned to their original owner when a user is finished it.

# Quick Start

The Application has already been published through Microsoft Azure and is currently up and running. Any changes made to the application require a manual commit through azure before it gets pushed to the application. The application was published through Microsoft visual studio into Microsoft azure to become a fully running website. The website can be accessed at <https://betterbooks20210320133241.azurewebsites.net/>

# Deployment Instructions

## How to Create the Database

*User must provide valid connection string in web.config file for the app to connect to SQL Server. If database does not exist, then app will create a new one.*

## How to Install and Configure the Web Site

Prerequisites :

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To deploy this Web package, Web Deploy (msdeploy.exe) must be installed on the computer that runs the .cmd file. For information about how to install Web Deploy, see the following URL: <https://go.microsoft.com/?linkid=9278654>

This batch file requires that the package file "BetterBooks.zip" and optionally provided the parameters file "BetterBooks.SetParameters.xml" in the same folder or destination folder by environment variable.

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Usage:

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BetterBooks.deploy.cmd [/T|/Y] [/M:ComputerName] [/U:UserName] [/P:Password] [/G:UseTempAgent] [Additional msdeploy.exe flags ...]

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Required Flags:

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/T:

Calls msdeploy.exe with the "-whatif" flag, which simulates deployment. This does not deploy the package. Instead, it creates a report of what will happen when you actually deploy the package.

/Y:

Calls msdeploy.exe without the "-whatif" flag, which deploys the package to the current machine or a destination server. Use /Y after you have verified the output that was generated by using the /T flag.

Note: Do not use /T and /Y in the same command.

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Optional Flags:

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By Default, this script deploy on the current machine where this script is called with current user credential without agent service. Only pass the following value for advance scenario.

/M:<Destination server name or Service URL>

If this flag is not specified, the package is installed on the computer where the command is run. The Service URL can be in the following format:

https://<DestinationServer>:8172/MSDeploy.axd

This format requires that IIS 7 be installed on the destination server and that IIS 7 Web Management Service(WMSvc) and Web Deployment Handler be set up.

The service URL can also be in the following format:

http://<DestinationServer>/MSDeployAgentService

This format requires administrative rights on the destination server, and it requires that Web Deploy Remote Service (MsDepSvc) be installed on the destination server. IIS 7 does not have to be installed on the destination server.

/U:<UserName>

/P:<Password>

/G:<True | False>

Specifies that the package is deployed by creating a temporary listener on the destination server. This requires no special installation on the destination server, but it requires you to be an administrator on that server. The default value of this flag is False.

/A:<Basic | NTLM>

Specifies the type of authentication to be used. The possible values are NTLM and Basic. If the wmsvc provider setting is specified, the default authentication type is Basic; otherwise, the default authentication type is NTLM.

/L

Specifies that the package is deployed to local IISExpress user instance.

[Additional msdeploy.exe flags]

The msdeploy.exe command supports additional flags. You can include any of these additional flags in the "$(ProjectName).Deploy.cmd" file, and the flags are passed through to msdeploy.exe during execution.

Alternatively, you can specify additional flags by setting the "\_MsDeployAdditionalFlags" environment variable. These settings are used by this batch file.

Note: Any flag value that includes an equal sign (=) must be enclosed in double quotation marks, as shown in the following example, which will skip deploying the databases that are included in the package:

"-skip:objectName=dbFullSql"

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Environment-Specific Settings:

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To customize application-specific settings for each deployment environment (for example, the IIS application name, the physical path, and any connection strings), edit the settings in the following file:

"BetterBooks.SetParameters.xml"

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For more information on this deploy script visit: <https://go.microsoft.com/fwlink/?LinkID=183544>

*To access web site from the browser:*

1. *Open a browser*
2. *Enter* [*http://hostname*](http://hostname) *where “servername” is the address where web site was deployed.*
3. *Register a new user*
4. *Use the app*

# Waiver

The undersigned permit Conestoga College Information Technology faculty to use the finished application and other deliverables for classroom demonstrations and the marketing of Conestoga College Information Technology programs. Conestoga College Information Technology faculty agree to use the source code only for marking purposes, and not to disclose or distribute the source code to any third party.

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*Note: Replace {Project Name} with your Project name. Remove this note before printing.*