1: Install Nlog using NuGet

2: Add setting to web.config at root directory of project as example of below

<configuration>

<configSections>

<section name="nlog" type="NLog.Config.ConfigSectionHandler, NLog" />

</configSections>

<nlog xmlns="http://www.nlog-project.org/schemas/NLog.xsd"

xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

xsi:schemaLocation="http://www.nlog-project.org/schemas/NLog.xsd NLog.xsd"

autoReload="true"

throwExceptions="false"

internalLogLevel="Off" internalLogFile="c:\temp\nlog-internal.log" >

<!-- optional, add some variabeles https://github.com/nlog/NLog/wiki/Configuration-file#variables

-->

<variable name="myvar" value="myvalue"/>

<!—

See https://github.com/nlog/nlog/wiki/Configuration-file

for information on customizing logging rules and outputs.

-->

<targets>

<!—

add your targets here

See https://github.com/nlog/NLog/wiki/Targets for possible targets.

See https://github.com/nlog/NLog/wiki/Layout-Renderers for the possible layout renderers.

-->

<target name="file"

xsi:type="File"

layout="${longdate} ${logger} ${message}"

fileName="${basedir}/App\_Data/logs/Logfile.txt"

keepFileOpen="false"

encoding="UTF-8" />

<!--

Writing events to the a file with the date in the filename.

<target xsi:type="File" name="f" fileName="${basedir}/logs/${shortdate}.log"

layout="${longdate} ${uppercase:${level}} ${message}" />

if you use encoding as iso-8859-2, it will not be output japanese correctly

-->

</targets>

<rules>

<!-- add your logging rules here -->

<logger name="\*"

minlevel="Debug"

writeTo="file" />

<!—

Write all events with minimal level of Debug (So Debug, Info, Warn, Error and Fatal, but not Trace) to "f"

<logger name="\*" minlevel="Debug" writeTo="f" />

-->

</rules>

</nlog>

</configuration>

3: Add logging to logic source as example of below

NLog.Logger logger = NLog.LogManager.GetCurrentClassLogger();

logger.Debug("Debug Logging test");