

# Software Bill of Materials

## Hubba

Version 1.0

Prepared By: Development Hell

Class: CECS 491-04

Date: December 14, 2022

Github Repository:

<https://github.com/DevelopmentHellaHell/SeniorProject>

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## Revision History

Version	Overview	Date
1.0	Initial BoM report	12/14/2022

## **Overview:**

This document's intent is to provide all approved technologies and libraries that will be utilized for the entire duration of the project. This document includes technologies approved by the Client on December 13, 2022. This document also includes pre-approved technologies given by Professor Vong on August 28, 2022. These technologies may be subject to change because of forced updates by the manufacturer that may lead to better security, etc. Each technology and library mentioned in this document includes the name, current version in use (as of December 14, 2022), and manufacturer.

## IDE

Name	Version	Manufacturer
Visual Studio 2022	17.4.3	Microsoft Corporation
Visual Studio 2022 for Mac	17.4.1 (build 28)	Microsoft Corporation

## Backend Framework

Name	Version	Manufacturer
.NET 6.0	6.0.12	Microsoft Corporation
ASP.NET Core 6.0	6.0.12	Microsoft Corporation
.NET 6.0 SDK	6.0.404	Microsoft Corporation
.NET Runtime	6.0.12	Microsoft Corporation
ASP.NET Core Runtime	6.0.12	Microsoft Corporation
.NET Desktop Runtime	6.0.12	Microsoft Corporation

## Microsoft.NETCore.App Framework Assemblies

Name	Version	Manufacturer
Microsoft.CSharp	6.0.1222.56807	Microsoft Corporation
Microsoft.VisualBasic	6.0.1222.56807	Microsoft Corporation
Microsoft.VisualBasic.Core	11.100.1222.56807	Microsoft Corporation
Microsoft.Win32.Primitives	6.0.1222.56807	Microsoft Corporation
Microsoft.Win32.Registry	6.0.1222.56807	Microsoft Corporation
mscorlib	6.0.1222.56807	Microsoft Corporation
netstandard	6.0.1222.56807	Microsoft Corporation
System	6.0.1222.56807	Microsoft Corporation
System.AppContext	6.0.1222.56807	Microsoft Corporation
System.Buffers	6.0.1222.56807	Microsoft Corporation
System.Collections	6.0.1222.56807	Microsoft Corporation

<b>System.Collections.Concurrent</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Collections.Immutable</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Collections.NonGeneric</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Collections.Specialized</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.ComponentModel</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.ComponentModel.Annotations</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.ComponentModel.DataAnnotations</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.ComponentModel.EventBasedAsync</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.ComponentModel.Primitives</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.ComponentModel.TypeConverter</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Configuration</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Console</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Core</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Data</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Data.Common</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Data.DataSetExtensions</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Diagnostics.Contracts</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Diagnostics.Debug</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Diagnostics.DiagnosticSource</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Diagnostics.FileVersionInfo</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Diagnostics.Process</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Diagnostics.StackTrace</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Diagnostics.TextWriterTraceListener</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Diagnostics.Tools</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Diagnostics.TraceSource</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>

<b>System.Diagnostics.Tracing</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Drawing</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Drawing.Primitives</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Dynamic.Runtime</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Formats.Asn1</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Globalization</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Globalization.Calendars</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Globalization.Extensions</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.IO</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.IO.Compression</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.IO.Compression.Brotli</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.IO.Compression.FileSystem</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.IO.Compression.ZipFile</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.IO.FileSystem</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.IO.FileSystem.AccessControl</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.IO.FileSystem.DriveInfo</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.IO.FileSystem.Primitives</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.IO.FileSystem.Watcher</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.IO.IsolatedStorage</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.IO.MemoryMappedFiles</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.IO.Pipes</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.IO.Pipes.AccessControl</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.IO.UnmanagedMemoryStream</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Linq</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Linq.Expressions</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Linq.Parallel</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Linq.Queryable</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>

<b>System.Memory</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Net</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Net.Http</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Net.Http.Json</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Net.HttpListener</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Net.Mail</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Net.NameResolution</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Net.NetworkInformation</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Net.Ping</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Net.Primitives</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Net.Requests</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Net.Security</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Net.ServicePoint</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Net.Sockets</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Net.WebClient</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Net.WebHeaderCollection</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Net.WebProxy</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Net.WebSockets</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Net.WebSockets.Client</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Numerics</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Numerics.Vectors</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.ObjectModel</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Reflection</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Reflection.DispatchProxy</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Reflection.Emit</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Reflection.Emit.ILGeneration</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Reflection.Emit.Lightweight</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>

<b>System.Reflection.Extensions</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Reflection.Metadata</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Reflection.Primitives</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Reflection.TypeExtensions</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Resources.Reader</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Resources.ResearchManager</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Resources.Writer</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Runtime</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Runtime.CompilerServices.Unsafe</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Runtime.CompilerServices.Visual C</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Runtime.Extensions</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Runtime.Handles</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Runtime.InteropServices</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Runtime.InteropServices.RuntimeInformation</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Runtime.Intrinsics</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Runtime.Loader</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Runtime.Numerics</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Runtime.Serialization</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Runtime.Serialization.Formatters</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Runtime.Serialization.Json</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Runtime.Serialization.Primitives</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Runtime.Serialization.Xml</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Security</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Security.AccessControl</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Security.Claims</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Security.Cryptography.Algorithms</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>



<b>System.Security.Cryptography.Cng</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Security.Cryptography.Csp</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Security.Cryptography.Encoding</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Security.Cryptography.OpenSsl</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Security.Cryptography.Primitives</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Security.Cryptography.X509Certificates</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Security.Principal</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Security.Principal.Windows</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Security.SecureString</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.ServiceModel.Web</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.ServiceProcess</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Text.Encoding</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Text.Encoding.CodePages</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Text.Encoding.Extensions</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Text.Encodings.Web</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Text.Json</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Text.Json.SourceGeneration</b>	<b>6.0.7.6807</b>	<b>Microsoft Corporation</b>
<b>System.Text.RegularExpressions</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Threading</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Threading.Channels</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Threading.Overlapped</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Threading.Tasks</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Threading.Tasks.Dataflow</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Threading.Tasks.Extensions</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Threading.Tasks.Parallel</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Threading.Thread</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>

<b>System.Threading.ThreadPool</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Threading.Timer</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Transactions</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Transactions.Local</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.ValueTuple</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Web</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Web.HttpUtility</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Windows</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.XmlSystem.Xml.Linq</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Xml.ReaderWriter</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Xml.Serialization</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Xml.XDocument</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Xml.XmlDocument</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Xml.XmlSerializer</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Xml.XPath</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>System.Xml.XPath.XDocument</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>WindowsBase</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>

## Microsoft.AspNetCore.App Framework Assemblies

<b>Name</b>	<b>Version</b>	<b>Manufacturer</b>
<b>Microsoft.AspNetCore</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.Antiforgery</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.App.Analyzers</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.App.CodeFixes</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.Authentication</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.Authentication.Abstractions</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.Authentication.Cookid</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>

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Microsoft.AspNetCore.Authentication.Core	6.0.1222.57109	Microsoft Corporation
Microsoft.AspNetCore.OAuth	6.0.1222.57109	Microsoft Corporation
Microsoft.AspNetCore.Authorization	6.0.1222.57109	Microsoft Corporation
Microsoft.AspNetCore.Authorization.Policy	6.0.1222.57109	Microsoft Corporation
Microsoft.AspNetCore.Components	6.0.1222.57109	Microsoft Corporation
Microsoft.AspNetCore.Components.Authorization	6.0.1222.57109	Microsoft Corporation
Microsoft.AspNetCore.Components.Forms	6.0.1222.57109	Microsoft Corporation
Microsoft.AspNetCore.Components.Forms	6.0.1222.57109	Microsoft Corporation
Microsoft.AspNetCore.Components.Server	6.0.1222.57109	Microsoft Corporation
Microsoft.AspNetCore.Components.Web	6.0.1222.57109	Microsoft Corporation
Microsoft.AspNetCore.Connections.Abstractions	6.0.1222.57109	Microsoft Corporation
Microsoft.AspNetCore.CookiePolicy	6.0.1222.57109	Microsoft Corporation
Microsoft.AspNetCore.Cors	6.0.1222.57109	Microsoft Corporation
Microsoft.AspNetCore.Cryptography.Internal	6.0.1222.57109	Microsoft Corporation
Microsoft.AspNetCore.Cryptography.KeyDerivation	6.0.1222.57109	Microsoft Corporation
Microsoft.AspNetCore.DataProtection	6.0.1222.57109	Microsoft Corporation
Microsoft.AspNetCore.DataProtection.Abstractions	6.0.1222.57109	Microsoft Corporation
Microsoft.AspNetCore.DataProtection.Extensions	6.0.1222.57109	Microsoft Corporation
Microsoft.AspNetCore.Diagnostics	6.0.1222.57109	Microsoft Corporation
Microsoft.AspNetCore.Diagnostics.Abstractions	6.0.1222.57109	Microsoft Corporation
Microsoft.AspNetCore.Diagnostics.HealthChecks	6.0.1222.57109	Microsoft Corporation
Microsoft.AspNetCore.HostFiltering	6.0.1222.57109	Microsoft Corporation

<b>Microsoft.AspNetCore.Hosting</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.Hosting.Abstractions</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.Server.Abstractions</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.Html.Abstractions</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.Http</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.Http.Abstractions</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.Http.Connections</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.Http.Connections.Common</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.Http.Extensions</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.Http.Features</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.Http.Results</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.HttpLogging</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.HttpOverrides</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.HttpsPolicy</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.Identity</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.Localization</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.Localization.Routing</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.Metadata</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.Mvc</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.Mvc.Abstractions</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.Mvc.ApiExplorer</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.Mvc.Core</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.Mvc.Cors</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.Mvc.DataAnnotations</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.Mvc.Formatters.Json</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.Mvc.Formatters.Xml</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>

<b>Microsoft.AspNetCore.Mvc.Localization</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.Mvc.Razor</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.Mvc.RazorPages</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.Mvc.TagHelpers</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.Mvc.ViewFeatures</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.Razor</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.Razor.Runtime</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.ResponseCaching</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.ResponseCaching.Abstractions</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.ResponseCompression</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.Rewrite</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.Routing</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.Routing.Abstractions</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.HttpSys</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.Server.IIS</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.Server.IISIntegration</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.Server.Kestrel</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.Server.Kestrel.Core</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.Server.Kestrel.TransportQuic</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.Server.Kestrel.Transport.Sockets</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.Session</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.SignalR</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.SignalR.Common</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.SignalR.Core</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>

<b>Microsoft.AspNetCore.SignalR.Protocols.Json</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.StaticFiles</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.WebSockets</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.AspNetCore.WebUtilities</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.Extensions.Caching.Abstractions</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>Microsoft.Extensions.Caching.Memory</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>Microsoft.Extensions.Configuration</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>Microsoft.Extensions.Configuration.Abstractions</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>Microsoft.Extensions.Configuration.Binder</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>Microsoft.Extensions.Configuration.CommandLine</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>Microsoft.Extensions.Configuration.EnvironmentVariables</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>Microsoft.Extensions.Configuration.FileExtensions</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>Microsoft.Extensions.Configuration.Ini</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>Microsoft.Extensions.Json</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>Microsoft.Extensions.Configuration.KeyPerFile</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.Extensions.Configuration.UserSecrets</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>Microsoft.Extensions.Configuration.Xml</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>Microsoft.Extensions.DependencyInjection</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>Microsoft.Extensions.DependencyInjection.Abstractions</b>	<b>6.0.1222.56807</b>	<b>Microsoft Corporation</b>
<b>Microsoft.Extensions.Diagnostics.HealthChecks</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>
<b>Microsoft.Extensions.Diagnostics.HealthChecks.Abstractions</b>	<b>6.0.1222.57109</b>	<b>Microsoft Corporation</b>

Microsoft.Extensions.Features	6.0.1222.57109	Microsoft Corporation
Microsoft.Extensions.FileProviders.Abstractions	6.0.1222.56807	Microsoft Corporation
Microsoft.Extensions.FileProviders.Composite	6.0.1222.56807	Microsoft Corporation
Microsoft.Extensions.FileProviders.Embedded	6.0.1222.57109	Microsoft Corporation
Microsoft.Extensions.FileProviders.Physical	6.0.1222.56807	Microsoft Corporation
Microsoft.Extensions.FileSystemGlobbing	6.0.1222.56807	Microsoft Corporation
Microsoft.Extensions.Hosting	6.0.1222.56807	Microsoft Corporation
Microsoft.Extensions.Hosting.Abstractions	6.0.1222.56807	Microsoft Corporation
Microsoft.Extensions.Http	6.0.1222.56807	Microsoft Corporation
Microsoft.Extensions.Identity.Core	6.0.1222.57109	Microsoft Corporation
Microsoft.Extensions.Identity.Stores	6.0.1222.57109	Microsoft Corporation
Microsoft.Extensions.Localization	6.0.1222.57109	Microsoft Corporation
Microsoft.Extensions.Localization.Abstractions	6.0.1222.57109	Microsoft Corporation
Microsoft.Extensions.Logging	6.0.1222.56807	Microsoft Corporation
Microsoft.Extensions.Logging.Abstractions	6.0.1222.56807	Microsoft Corporation
Microsoft.Extensions.Logging.Configuration	6.0.1222.56807	Microsoft Corporation
Microsoft.Extensions.Logging.Console	6.0.1222.56807	Microsoft Corporation
Microsoft.Extensions.Logging.Debug	6.0.1222.56807	Microsoft Corporation
Microsoft.Extensions.Logging.EventLog	6.0.1222.56807	Microsoft Corporation
Microsoft.Extensions.Logging.EventSource	6.0.1222.56807	Microsoft Corporation
Microsoft.Extensions.Logging.Generators	6.0.7.6807	Microsoft Corporation
Microsoft.Extensions.Logging.TraceSource	6.0.1222.56807	Microsoft Corporation
Microsoft.Extensions.ObjectPool	6.0.1222.57109	Microsoft Corporation
Microsoft.Extensions.Options	6.0.1222.56807	Microsoft Corporation

Microsoft.Extensions.Options.ConfigurationExtensions	6.0.1222.56807	Microsoft Corporation
Microsoft.Extensions.Options.DataAnnotations	6.0.1222.56807	Microsoft Corporation
Microsoft.Extensions.Primitives	6.0.1222.56807	Microsoft Corporation
Microsoft.Extensions.WebEncoders	6.0.1222.57109	Microsoft Corporation
Microsoft.JSInterop	6.0.1222.57109	Microsoft Corporation
Microsoft.Net.Http.Headers	6.0.1222.57109	Microsoft Corporation
System.Diagnostics.EventLog	6.0.1222.56807	Microsoft Corporation
System.IO.Pipelines	6.0.1222.56807	Microsoft Corporation
System.Security.Cryptography.Xml	6.0.1222.56807	Microsoft Corporation

## Frontend Framework

Name	Version	Manufacturer
React	18.2.0	Meta
Vue	3.2.45	Vue
Angular	14	Google

## Languages

Name	Version	Manufacturer
C#	10.0	Microsoft Corporation
ECMAScript	ES13	Ecma International
TypeScript	4.9.4	Microsoft Corporation
SQL	16.0	Microsoft Corporation
HTML	HTML5	World Wide Web Consortium

## Data Store

Name	Version	Manufacturer
SQL Server 2019 Express	15.0.2000.5	Microsoft Corporation



<b>Edition</b>		
<b>SQL Server Management Studio</b>	<b>18.12.1</b>	<b>Microsoft Corporation</b>
<b>MariaDB</b>	<b>10.11.1</b>	<b>MariaDB Foundation</b>

## Web Server

<b>Name</b>	<b>Version</b>	<b>Manufacturer</b>
<b>Internet Information Services</b>	<b>10.0 v1809</b>	<b>Microsoft Corporation</b>
<b>Apache HTTP Server</b>	<b>2.4.43</b>	<b>Apache Software Foundation</b>
<b>nginx</b>	<b>1.22.1</b>	<b>F5 NGINX</b>

## Calendar Javascript Library

<b>Name</b>	<b>Version</b>	<b>Manufacturer</b>
<b>FullCalendar</b>	<b>5.11.3</b>	<b>FullCalendar LLC</b>
<b>tui.calendar</b>	<b>2.1.3</b>	<b>NHN Cloud Corp</b>
<b>Big Calendar</b>	<b>1.5.2</b>	<b>jquense</b>

## Chart and Graphing Javascript Library

<b>Name</b>	<b>Version</b>	<b>Manufacturer</b>
<b>Chart.js</b>	<b>4.0.1</b>	<b>Chart.js Team</b>
<b>d3.js</b>	<b>7.7.0</b>	<b>Toptal</b>
<b>Google Charts</b>	<b>51</b>	<b>Google</b>

## Email Mailing Service

<b>Name</b>	<b>Version</b>	<b>Manufacturer</b>
<b>Sendgrid</b>	<b>9.28.1</b>	<b>Twilio</b>
<b>Postmark</b>	<b>4.0.4</b>	<b>Postmark</b>
<b>MailChimp</b>	<b>2.0</b>	<b>Intuit</b>

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