

Bill of Materials

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Github: https://github.com/abhay772/AA_Senior_Project/

Version History

Version #	Date	Reason for Change
Version 1	12/8/2022	Original Document

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Bill of Materials Overview

The bill of material document will list all software that we will use during the creation of this project. This document will list the IDE's, front-end framework, back-end framework, languages, data store, and web server we will be using. Not only will we list the software we will use but also include the version we will be using, the licensing the software is under, supplier and the authorship of the software. Document will also have listed the libraries we will be using.

IDE

Component	Visual Studio Code
Version	1.73.1
License	MIT License
Supplier	Microsoft
Authorship	Microsoft

Component	Microsoft Visual Studio Community 2022 (64-bit)
Version	17.3.6
License	MICROSOFT SOFTWARE LICENSE
Supplier	Microsoft
Authorship	Microsoft

Backend Framework

Component	.NET Runtime
Version	6.0.10
License	MIT License
Supplier	Microsoft Corporation
Authorship	Microsoft

Component	ASP.NET Core Runtime
Version	6.0.10
License	Apache License 2.0
Supplier	Microsoft Corporation
Authorship	Microsoft

Component	.NET Desktop
Version	6.0.10
License	MIT License
Supplier	Microsoft Corporation
Authorship	Microsoft

Front-end Framework

Component	.NET Desktop
Version	6.0.10
License	MIT License

Supplier	Microsoft Corporation
Authorship	Microsoft

Languages

Component	C#
Version	10.0
License	MIT License
Supplier	Microsoft Corporation
Authorship	Microsoft

Component	ECMA Script
Version	13.0
License	MIT License
Supplier	Ecma International
Authorship	Ecma International

Component	TypeScript
Version	4.9.4
License	Apache License 2.0
Supplier	Microsoft
Authorship	Microsoft

Component	HTML 5
Version	13.0

License	MIT License
Supplier	Mozilla
Authorship	WHATWG

Component	CSS
Version	2022
License	MIT License
Supplier	Ecma International
Authorship	World Wide Web Consortium

Data Store

Component	Sql Server 2019 Developer edition
Version	2019
License	MIT License
Supplier	Microsoft Corporation
Authorship	Microsoft

Component	Sql Server Management Studio
Version	18.12.1
License	MIT License
Supplier	Microsoft Corporation
Authorship	Microsoft

Web Server

Component	IIS Server
Version	10.0
License	MIT License
Supplier	Microsoft Corporation
Authorship	Microsoft Corporation

Libraries

- System.Collections.Generic 4.3.0
- System.Data.Entity 6.2.0
- System.Linq 4.3.0
- System.Text 4.3.1
- System.Text.RegularExpressions 4.3.1
- System.Threading.Tasks 4.3.0
- System.Security.Principal 4.3.0
- System.Security.Permissions 7.0.0
- System.Security.Cryptography 4.3.1
- System.Net.Http 4.3.4
- System.Reflection.Metadata 7.0.0
- System.Reflection.Metadata.Ecma335 7.0.0
- System.Diagnostics 4.3.0
- System.Json 4.7.1
- Microsoft.VisualBasic 10.3.0
- Microsoft.Data.SqlClient 4.8.5
- System.Data.sqlTypes 4.8.5
- Xunit.Sdk 2.4.2
- Microsoft.NET.Test.Sdk 17.1.0
- And All Libraries under .NET and asp.NET by Microsoft That are compatible with the Current LTS versions.
Can be found here for .Net:
<https://learn.microsoft.com/en-us/dotnet/api/?view=net-6.0> and
here for ASP.Net core:
<https://learn.microsoft.com/en-us/dotnet/api/?view=aspnetcore-6.0>

UnApproved Technologies

- Newtonsoft
- Angular

References

- <https://www.nuget.org/>
- <https://learn.microsoft.com/en-us/dotnet/api/?view=net-6.0>
- <https://learn.microsoft.com/en-us/dotnet/api/?view=aspnetcore-6.0>
- https://github.com/v-vong3/csulb/blob/master/cecs_491/docs/cecs491a-class-intro.pdf