**Software Implementation and Testing Document**

**For**

**Group <X>**

Version 1.0

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# Programming Languages (5 points)

We are using C# and SQL so far. This is a .NET application, and we are using SQL to store our data.

# Platforms, APIs, Databases, and other technologies used (5 points)

So far we are using the following packages for the API : FreeSQL, FreeSql.Provider.SqlServer, Microsoft.AspNetCore.OpenApi, and Newtonsoft.Json.

And we are using Microsoft.Maui.Graphics, Microsoft.Maui.Graphics.Win2D.WinUI.Desktop, and Swashbuckle.AspNetCore for the libraries and UI. We intend to implement SignalR in the upcoming weeks.

# Execution-based Functional Testing (10 points)

*Describe how/if you performed functional testing for your project (i.e., tested for the* ***functional requirements*** *listed in your RD).*

# Execution-based Non-Functional Testing (10 points)

*Describe how/if you performed non-functional testing for your project (i.e., tested for the* ***non-functional requirements*** *listed in your RD).*

# Non-Execution-based Testing (10 points)

*Describe how/if you performed non-execution-based testing (such as code reviews/inspections/walkthroughs).*