def cmd.md 1/9/2022

## Setup

- Create a root folder that will holds a Solution and one or multiple projects
- Create Solution
  - o A 'container' that holds multiple projects and connect each other
  - dotnet new sln [-n name.sln]\_
    - defaults to the current dir name if not given
- Create UI project
  - This is where the most of the frontend will be done
  - dotnet new console [ -n name]\_
    - defaults to the current dir name if not given
    - the type could be *console* or other
- Create a library project for the UI
  - This is where most of the backend will happen
  - dotnet new classlib [-n name]
- Create more projects if needed
- Add the projects to the Solution
  - dotnet sln [name.sln] add name/name.csproj
    - name.sln is defaults to the current solution in the root folder
  - dotnet sln [name.sln] add \*\*/\*.csproj
    - Globing pattern
    - Adds all the projects to the current or given solution
- Reference between projects
  - dotnet add project1Name/project1Name.csproj reference project2Name/project2Name.csproj
    - project1Name owns the reference