# Activity Digram:



# Class Diagram



# Technology Stack:

1. **Runner**: **(StartUp Project)**
   1. .NET Core 3.1 Console App
   2. Dependencies (Internal Projects):
      1. ProblemInterfaces
      2. SequenceAnalysis
      3. SumOfMultiple
2. **ProblemInterfaces**
   1. .NET Core 3.1 Class Library
   2. Dependencies (Internal Projects) : none
3. **SequenceAnalysis**
   1. .NET Core Class Library
   2. Dependencies (Internal Projects)
      1. ProblemInterfaces
4. **SumOfMultiple**
   1. .NET Core 3.1 Class Library
   2. Dependencies (Internal projects)
      1. ProblemInterfaces
5. **Tests/SequenceAnalysisTest**
   1. .NET Core MSTest Project
   2. Dependencies (Internal Projects):
      1. ProblemInterfaces
      2. SequenceAnalysis
6. **Tests/SequenceAnalysisTest**
   1. .NET Core MSTest Project
   2. Dependencies (Internal Projects):
      1. ProblemInterfaces
      2. SumOfMultiple