Dear Marco,

Hope you and the team are busy diving to interesting Coding 😊.

Here I would like to give you some important guide line. Hope these will be help to success your Project.

# **Portal Project Overview:**

1. Portal should consists of 2 Projects
   1. WebAPI
      1. Responsible for Authentication/Database operations
      2. Ex: User Logins/Authentication/Bookings etc..
   2. Mobile App
      1. Responsible for User interactions and the communicate with backend(WebApi)



1. So we could think of following Phases of the Portal Project
2. **Phase 1:** 
   1. Setup Hardware/Software for development
   2. Buy Licenses (Apple developer id)
   3. Design Mobile App
   4. Decide software architecture
      1. Which Authentication you want to have
      2. Which database to be use (Sql Server Express is free: <https://www.microsoft.com/en-us/sql-server/sql-server-downloads>)
3. **Phase 2:**
   1. Develop WebAPI
   2. Develop Maui App which support for different platforms
      1. Ex: Android/ iOS / Web
      2. Testing
4. **Phase 3:**
   1. Publish Web API
   2. Publish Maui Apps

So I hope you have already proceeding on Phase 1 and prepare for Phase 2. Here I would like to give you some resources, which can help you.

Please check in GitHub: <https://github.com/SamFrieden>

* 1. It has sample Demo projects
  2. HtlPortalCore: WebApi
     1. Code first database operations/Migrations on Sql Server
     2. User Authentication: handle by your own way
     3. Swagger interface
  3. AuthDemo: Latest .NET Api Authentication with 2 factor authorizations etc..
  4. Soon will upload MAUI App:
     1. How to communicate with WebAPI
     2. Authenticate
     3. Etc..
  5. Documentation

# **References:**

Following files you can find in : <https://github.com/SamFrieden/HtlPortal.Documentation>

* 2\_SetupDevelopmentPC.docx
* 2\_SetupDevOps\_Optional.docx
* InstallMauiWorkloads.docx
* InstallVS2022.docx
* KnownErrorsAndFixes.docx