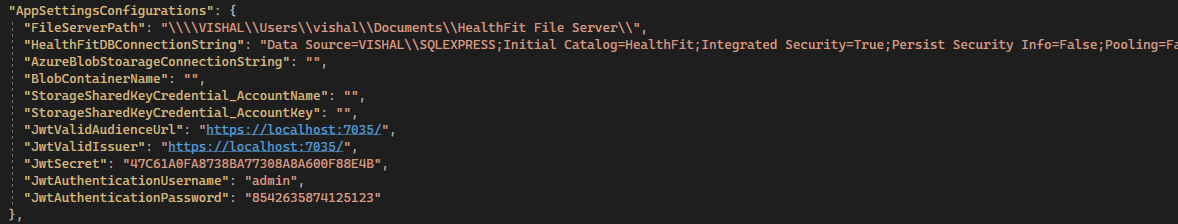
Health & Fitness Journal Portal

1. **Prerequisites:**
2. Visual Studio Community Version 2022 (Free Edition) [Download](https://visualstudio.microsoft.com/vs/community/)
3. .Net Core framework (Latest 7) [Download](https://dotnet.microsoft.com/en-us/download/dotnet/thank-you/sdk-7.0.302-windows-x64-installer)
4. .Net hosting setup: dotnet-hosting-7.0.5-win.exe [Download](https://dotnet.microsoft.com/en-us/download/dotnet/thank-you/runtime-aspnetcore-7.0.5-windows-hosting-bundle-installer)
5. Microsoft SQL Server 2022 Express [Download](https://www.microsoft.com/en-in/sql-server/sql-server-downloads)
6. IIS Server should be configured if you want to configure portal in IIS
7. Postman to verify the Apis
8. **Build HealthFit Project Solution**
9. Download the Repository from the git. Github [Download](https://github.com/vishalbajad/HealthFit)
10. Navigate to \Source Code\HealthFit APIs
11. Open the Solution HealthFit APIs.sln (Make sure Visual Studio should be run as administrator)
12. Build the solution unless the Build Successful message not show up. (Nuget packages will get restored automatically)
13. Navigate to \Source Code\HealthFit Web folder
14. Open the Solution HealthFit Web.sln (Make sure Visual Studio should be run as administrator)
15. Build the solution unless the Build successfully message not show up. (Nuget packages will get restored automatically)
16. **Configure the File Server Shared Path and Database Connection string :**
17. This is shared path to save and retrieve file and being used in HealthFIt web portal.
18. Navigate to any drive on your local computer.
19. Create a Folder name as “HealthFit File Server”
20. Then Right Click on Folder and share the folder with Everyone as access right. (if this is created property you will not able access web portal)
21. Copy the Shared folder path and add for key “FileServerPath” into “HealthFit APIs” appsettings.json file
22. Update the database connection string value “HealthFitDBConnectionString” to your database server hostname ,as we are using Entity Framework , database schema will be automatically generated after project starts
23. 
24. **Configure the File Server Path as website in Application**
    1. Open the IIS Server
    2. Go To the Site - > Default Web Site - > Add Application and copy the shared folder path (Step 3.5) to Physical path of this web site.
    3. Browse the website , this may give you error but ignore for now as now contents is there.
    4. Copy the File Server url path e.g. <http://localhost/HealthFitFileServer/>
    5. Copy the Shared folder path and add for key “FileServerBaseUrl” into “HealthFit Web” appsettings.json file.
25. **Create Self Sign Certificate - If application need to configure in IIS**
26. Open the IIS Server -> Go to Server Certificate - > Create Self signed certificate
27. Specify the certificate name as “HealthFit” and save the certificate
28. **Configure the Health Fit Apis project to IIS**
29. Create a new folder “HealthFit Api Published Site” on any physical path on computer but make sure folder has everyone user access
30. Open the IIS Server
31. Go to the Site -> Add New Site
32. Provide the Site Name as “HealthFitApi” and Physical path given at step 6.1
33. Provide valid http port
34. Save the Site configurations.
35. Then go site created at Step 6.4 -> binding -> Make sure you have https and https binding available if not create the http and https with the valid port.
36. Stop the IIS before Publishing the site
37. Open the HealthFit Apis Solution
38. Right click on HealthFit Apis project and Publish
39. Publish to project with IIS Express option (Publish Profile is already there)
40. If any issue occur while publishing the site , please create new publish profile.
41. After successful deployment, Update he API Server path into appseting.json file in published site folder step no 6.1
    1. Please use default user credentials to generate the Jwt Token . UserName : admin / Password: 8542635874125123
42. If you won’t able to access the Api by using ISS it can still be using by directly running solution.
43. **Configure the Health Fit Web project to IIS**
44. Create a new folder “HealthFit Web Published Site” on any physical path on computer but make sure folder has everyone user access
45. Open the IIS Server
46. Go to the Site -> Add New Site
47. Provide the Site Name as “HealthFitWeb” and Physical path given at step 7.1
48. Provide valid http port
49. Save the Site configurations
50. Then go site created at Step 7.4 -> binding -> Make sure you have https and https binding available if not create the http and https with the valid port
51. Stop the IIS before Publishing the site
52. Open the HealthFit Web Solution
53. Right click on HealthFit Web project and Publish
54. Publish to project with IIS Express option (Publish Profile is already there)
55. If any issue occur while publishing the site , please create new publish profile.
56. After successful deployment, Update he API Server path into appseting.json file in
57. Published site folder step no 7.1
58. Please verify the web app by directly
59. If you won’t able to access the web by using ISS it can still be using by directly running solution.
60. Import HealthFit Open API specification into postman
61. Start the Postman Application
62. Click on Import -> Select the File -> Brows the file from location “\Resources\HealthFit\_APi\_swagger.json”
63. Click on import buttons.
64. Now you verify the API from Postman.
65. Please use default user credentials to generate the Jwt Token
    1. UserName : admin
    2. Password: 8542635874125123

Please Note: Please ensure you web api application should be running before running web application project else your project won’t start.