Q3. Please outline your automated test framework design ideas for the following sample Rest API method:

1. Restsharp api testing library with a NUnit framework with specflow for BDD will be a good combination for the api test framework.
2. Environment file should be created with the enpoint server names, this will be helpful incase we have multiple environments with different servers.
3. API wrapper library class should be created with Restsharp api testing library functions for creating an api request with header and body data parameterised, sending the api request to the endpoint and validating the responses which includes validating response body and response codes.
4. Step definitions for all the steps in the specflow, the step definition files will make use of the API wrapper library. The step definitions will also pass the data from the specflow to the respective functions.
5. Allure test reporter is best suited for BDD frameworks so that should also be included in the framework.