You have received the following development task from your product owner, but no IT review has been done. You must consider yourself the best way to implement this, which ensures maintainability, project structure, and how you will test that your feature works. Your product owner is unfortunately away so you must handle any queries in the best way you can.

There is no requirement for any user interface, this is purely a back end service, although you may choose to create a consumer service/console app for demo use if you wish.

Task

Create a REST service in C# that will be used in credit applications to return a decision and interest rate.

- The service should accept a credit amount, the term (repayment in months), current pre-existing credit amount
- Validation should check for necessary inputs
- No requirement to log the request
- There is no need to implement security at this time
- Consider which unit tests are required

The service should return a decision and an interest rate percentage, based on the following rules:

Applied amount	<2000	>2000	>69000
Decision	No	Yes	No

Total future debt	<20000	20000-39000	40000-59000	>60000
Interest rate %	3	4	5	6

Please create a repository on GitHub and share a link to your solution.