Project Idea - sypec

Introduction

Sypec is a sustainability first tool using tyepscript used to asses and analyze the project's sustainability and grade your project G → A+++ as any EU energy standard.

This process using many processes to determine a project's sustainability. Of which we will be discussing here!

What is a Sustainability

Sustainability according to us is the ability to use novel technologies such as software programming tools, etc. to create applications everyone will use without having to cause harm to the environment, and the people it is trying to provide to.

Things We Would Like to Analyze

Leftover Spagetti

We all don't like leftover Spagetti, it absorbed all the water and yeah. we don't like spagetti code either.
The npm package will scan through the code to see if any spagetti code, and explains ways to fix it.

Reason of Project

We would like to understand why you created your project, like really. You're project is important to you, and other people would love to see it too, but... where's the documentation? The SEO, the code explanation, ways to contribute, FaQ.

Security

Do you have anything in your project that needs securing? our "understand the project for me" algorithm (still working on the name) will analyze the reason for the project

GDPR

Yeah... you're customer's data is important. Figures

Lookout

Does your and will your project perform well in the future? Ability to sustain yourself in the future is important, because as customer growth so will resource growth increase.

Resources

Does you program use too much resources for no reason? One extra python package, npm, C++, anything. Do you use docker? Are you going to publish that? Every MegaByte counts. Let's make yours count too.

Documentation

And finally the thing we LOVE to do at Randish: Documentation. If you're project makes it easy for everyone and even yourself then yes why not, using the right documentation in the right places, at the right amount.

Conclusion

We use all of these aspects to grade your project, if everything is excellent you get an A+++ (Which is impossible to achieve, no one is perfect).

Likewise if everything is bad you get a G, the idea is there, there is room for improvement, and we will help you

Q: Whats a good range?
A: Anywhere between B and A+ is great

Q: What if I don't want to fix my spaghetti code?
A: We're also developers, we also have spagetti code in this sustainability tool, we're not perfect, plus saving energy on spaghetti code isn't going to shift power consumption that much. You'll see that grading criteria focuses more on other aspects, but we will tell you that hey there's spaghetti here and here's how to fix it. PS: don't forget to git so you can go back!