Case Study

Briefing:

We will not ask you to design a fancy algorithm. In the end that is not what you are going to do on a daily basis if you work for us. Instead please deliver something production-ready. Use the tools developers use when they work on the real thing. Focus on showing us how you would have solved a problem in your daily work.

The solution may look completely different depending on the fields you excel in. If you are a frontend-enthusiast you may decide to mock the backend and instead deliver a fancy UI. If you are a backend-specialist you may want to decide to not create a UI but instead spend more time on business logic or thoughts about possible backend setups. If you excel in ops/devops you may want to invest in getting the software built and deployed properly.

Task:

Imagine a modular insurance product. People can choose from 4 modules. Each module has a different selectable coverage and a different mathematical risk.

These are the modules:

- Bike (Coverage 0-3k, Risk 30%)
- Jewelry (Coverage 500-10k, Risk 5%)
- Electronics (Coverage 500-6k, Risk 35%)
- Sports Equipment (Coverage 0-20k, Risk 30%)

The user should be able to select the coverage for each module. The price of the tariff, which is the individual configuration for each customer, should be calculated based on the risk.

Good Luck!

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