

# Frontend coding challenge

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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.

## Case study

Imagine a modular insurance product. People can choose from four 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 and see the calculated price. The price of the tariff, which is the individual configuration for each customer, should be calculated based on the risk:  $[price] = [coverage] * [risk]$

## Task

Design and implement a solution using React that would allow:

- Select the coverage for the module and see the calculated price
- Add/remove multiple modules to the shopping card
- See the items in the shopping card and see their total price

## Important

- Please make sure that your solution has a README file with detailed instructions/commands to run it
- Your solution should run out of the box without any manual configurations required by the reviewer
- Please do not publish the solution to your public GitHub profile or something similar. You may send us your solution by sharing it as a zip file via your private cloud account (Google Drive, OneDrive, etc)
- You should not invest more than 7 hours on the task. Please deliver your solution within 7 days
- Your solution will be compared against other candidates applying for the same job position, in terms of code quality and production-readiness

Good Luck!