API Brief 🎄

Here at everphone we are highly organised Germans, so highly organised that we have begun planning for our christmas gift giving.

[Here you will find two json files](), one with a list of employees and their interests and one with a list of gifts and their categories that the company has purchased.

We'd like you to design an application that will assign appropriate gifts to an employee on a first-come first-served basis. Employees will not be able to choose their gift, but will be assigned. We're trying to maximise the number of employees who get gifts.

We'd like you to spend about 3-4 hours (absolutely no more than 4) on this project, as our coworkers are eager to have their gifts assigned. We understand this is not much time, please don't worry about being perfect, so long as you can explain trade offs where you have them.

The API should have one endpoint
- A route that accepts an employee id, assigns that employee a present (if required), and returns the gift assigned to this employee

Considerations:

- A gift can only be given to one employee, and we expect all employees to rush to this website. What are potential issues with this rush?
- It's possible we might not have bought appropriate gifts, how can we try to increase the number of employees who receive gifts?
- Once an employee has been assigned a gift that's it, no changing. How can we enforce this?
- In the future we might want employees to be able to return a gift once, think about (but don't implement!) how this might work with your solution.
- How would this work at "Santa scale"? For your takehome we advise you to K.I.S.S., but be prepared to chat about limitations/tradeoffs in your approach

Handing your solution in

Please either
a) Create a **private** github repository and invite the github user dev-everphone
b) Package your code in a zip and send it to the recruiter via email