

Bean/BGL Tech Test

This isn't one of those contrived coding tests that has nothing to do with the business you'll be joining rather it is related to functionality within Bean so we're very much interested in your solution. Don't spend too long doing this test. We're looking at how you approach the problem, solution, coding style, etc. We're not looking for the perfect solution with all the bells and whistles so don't stress about it. This work is a talking point for the interview. Feel free to ask any questions should you need any clarifications, after all this is what we'd expect you to do on other pieces of functionality.

Please consider how your solution will scale, not just technically but also logistically. How many staff will be required to resolve 'misses' with 1 million users? With the completed code we will be testing it using another sample of transaction descriptions so please think about how we'll be able to use your solution.

User Story:

As a Bean user, when looking at my transactions, I would like to know which merchant it belongs to so I can understand my spending.

Acceptance Criteria:

- A description is matched to a merchant if merchant exists in database.
- If merchant does not exist, a new merchant is created with a name of "unknown" and the transaction assigned to the new merchant.

Examples:

Description	Merchant
sainsbury's sprmrkts lt london	Sainburys
uber help.uber.com	Uber
uber eats j5jgo help.uber.com	Uber Eats
netflix.com amsterdam	Netflix
amazon eu sarl amazon.co.uk/	Amazon
netflix.com 866-716-0414	Netflix
uber eats 6p7n7 help.uber.com	Uber Eats
google *google g.co/helppay#	Google
amazon prime amzn.co.uk/pm	Amazon Prime

dvla vehicle tax	DVLA
dvla vehicle tax - vis	DVLA
direct debit payment to dvla-i2den	DVLA
dvla-ln99abc	DVLA
sky digital 13524686324522	Sky Digital
direct debit sky digital 83741234567852 ddr	Sky Digital
sky subscription - sky subscription 38195672157 gb	Sky