THE CHALLENGE

A lot of the engineers in HBC love coffee, although there are definitely differences of opinion whether Chemex or an Italian espresso coffee machine produce the better tasting cup.

Sometimes people will bring an extra coffee as a surprise for someone else, which can make people VERY happy. We thought it might be nice to make an event of this, called Coffee Week.

Each person in the engineering department will be assigned someone else in their office to surprise with a coffee, some time during the week. To be fair, each person will be giving one coffee and receiving one coffee during the week. To maximise surprise, nobody will be surprising the person who surprised them.

The engineering departments in Dublin and New York are going to take part to start with.

We'd like you to write a web page that does the random assignment of givers and receivers.

RESOURCES

You can get a list of employees from the endpoint below.
You can assume all the engineers want to take part. In
reality some don't actually drink coffee.

You can get a list of fictional employees from this endpoint:
https://hbc-frontend-challenge.hbccommon.private.hbc.com/
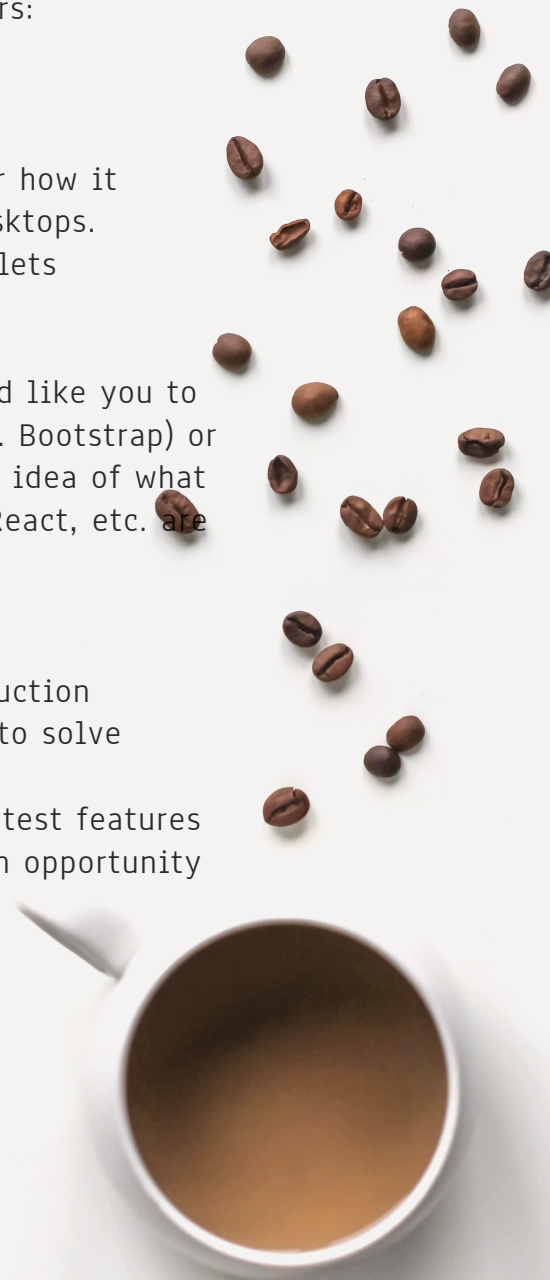coffee-week/users

The endpoint accepts these optional parameters:
department
location

Our design team came up with a wireframe for how it
should roughly look on mobile phones and desktops.
You need to make it look good on phones, tablets
and desktops.

While we love using open source projects, we'd like you to
avoid using external libraries for the CSS (e.g. Bootstrap) or
for the shuffling algorithm so we get a better idea of what
you can do. Framework such as Angular, Vue, React, etc. are
fine.

In HBC our front-end engineers enjoy
- Writing clean code and deploying it to production
- Solving problems. Demonstrate your ability to solve
  problems as part of your solution
- Exploring new technologies and using the latest features
  of Javascript. Use the coding challenge as an opportunity
  to showcase your knowledge of these.

MOBILE WIREFRAME

HEADER

GIVER-RECEIVER PAIRING

GIVER-RECEIVER PAIRING

GIVER-RECEIVER PAIRING

GIVER-RECEIVER PAIRING

GIVER-RECEIVER PAIRING

TOOLBAR

DESKTOP WIREFRAME

TOOLBAR - To contain any interactive UI such as buttons

GIVER-RECEIVER PAIRING

GIVER-RECEIVER PAIRING

GIVER-RECEIVER PAIRING

GIVER-RECEIVER PAIRING

GIVER-RECEIVER PAIRING

GIVER-RECEIVER PAIRING

*note - all text in the wireframe is purely for guidance, and probably shouldn't be in the end product...