

## Candidate Guidelines:

Hello! If you are reading this, then we're likely in the process chatting with you about a technical role at Preqin. If so, congratulations 🎉!

To move forward, we'd like to know a little about how you work. To that end it should approximately take you 1 hour max where you can demonstrate your skills and abilities.

These coding exercises are for you to demonstrate you work and your approach to solve them. There is no grading or scoring, nor is it pass-fail, rather these are meant to serve a sample of your thought processes as an engineer.

### Here are a few guidelines for the take-home test:

🌐 ~ We're a global team spread across multiple time zones and we hire candidates from across time and space. Async exercises allow you to show off your skills at a time/place that works for you.

⌚ ~ Take-home exercises allow you to work at your own pace. We intentionally structure these to take around one-ish hour of time and ask that you limit your investment to no more than the suggested time, however you are free to break this into as long as you wish.

🔗 ~ It matches the nature of our work. Most of being an engineer on a remote team is self-directed exploration of a problem, followed by period(s) of cyclic work/edit/review, followed by submittal for review and approval by your peers. Async exercises allow you to do the same.

👁️ ~ It eliminates the performance anxiety of forced-pairing with someone whom you've just met.

🧰 ~ It allows you to use the tools, languages, and frameworks where you are the most productive.

🧰 ~ **We expect you to show your “craft” for the exercise e.g. commits, unit tests, running code and deployment concerns.**

## Take Home Exercise

**Please share any Links to repositories / files prior to the interview.**

The test requires that you connect to an api which you will have to run locally. Please find a link to the repository containing the code and instructions to do this: <https://github.com/JayGadi/pregin-technical-test>

### **Compulsory:**

1. Create a SPA that talks to the Preqin API **/api/Investors** to return a list of investors in a table format

**for firmIds** 2670, 2792, 332, 3611

2. Table will show the following data:
  1. FirmId
  2. FirmName
  3. Type
  4. DateAdded
  5. Address

### **Nice to have:**

1. Once clicking on a row in the table it will navigate to an investors page (example: /investors/1234).
2. In this investors page show a dropdown with AssetClasses: PE(Private Equity), PD(Private Debt), RE(Real Estate), INF(Infrastructure), NR(Natural Resources), HF(Hedge Funds)
3. When selecting a particular AssetClass, it will show commitment information for the investor in that particular asset class (API: **/api/Investor/commitment/<asset\_class>/<investorId>**).

### **Virtual Whiteboard Exercise**

We will also conduct a systems design exercise the details of which will be provided in the interview.