



Frank zhang &lt;fzhang0723@gmail.com&gt;

---

**Pave Interview: Takehome // Frank**

23 messages

---

**Quan Zhou** <quan@pave.com>  
To: Frank zhang <fzhang0723@gmail.com>

Sun, Dec 20, 2020 at 9:00 AM

Hi Frank,

Hope you're excited for this fun scenario we put together for you! Pretend you just joined Pave and are leading development for a new customer.

**Scenario:**

Suppose that we were just contacted by the Restaurant Group of San Francisco. They heard a rumor that one of their five restaurants is going to sue them for unfair labor practices. In preparation, they want to understand all their employees' compensation across their restaurants.

The demo is scheduled for next week. However, our front-end engineers are slow, and will need to start using the database tomorrow to be finished in time.

**Task:**

Your task is to compile each restaurant's employee compensation data into one database, and expose it as an API to the frontend engineers.

**Data:**

The Restaurant Group of San Francisco has provided all this data through four CSV files and one API (attached). You may use any stack, library, or boilerplate code.

**Guidelines:**

We're not looking for production level code. Instead, here is what we're assessing:

- Your ability to quickly architect and stand up a solution
- Engineering prioritization with a near-term business goal in mind
- Completeness over perfection
- API design: how does it help the end customer goal?

**Logistics:**

- Scope your solution and let's decide on a reasonable amount of time to spend on it (call impending)
- Make assumptions to prevent any blockers. If need be, feel free to email us with questions along the way
- When you're finished, please respond to this email with:

**Deliverables:**

1. A **loom demo video** showing off your end product and an overview of the architecture
2. A **link to the GitHub repository** that hosts the code and instructions to access the data
3. A **README.md** giving a high level overview of changes

We'll reward you with a \$200 amazon gift card for your time when we your submission

--