

# Respondent Frontend Technical test

## Help us shape our Reporting section

Researchers have asked us to provide visibility on their spending on the platform.

### Objective

Help us design a reporting page for our researchers to have visibility on their spending. Respondents are paid an incentive by the researcher after they complete a study. Each transaction represents a respondent payment. Since this is a frontend role, extra attention to UI/UX is required

Our long term objective would be to have a full reporting section. Consider how the user interacts with the page, animations and responsiveness. Feel free to email us with any questions.

### Features

Ability to filter by

- Date range
- Payment amount
- Type of project

### Requirements

- Show Charts
  - Spend by Month
  - Spend by type of project
  - Spend by UserId
- Show a table
- Switch between charts and table

### Technology

Backend: Node.js

- A search endpoint i.e /search can search a mongoDB or static database

Frontend: Any Javascript framework you would like to use but preferences goes to:

- VueJS
- AngularJS

- Angular
- React
- Chart.js / Chartist

Css: Material design, bootstrap or custom, please include a build process with instructions on how to run the app

## Sample Data

Provided in the zip file

```
{
  "_id": "5afd889d8c245d5d74fb4335",
  "organization": {
    name: ""
  },
  "project": {
    "type": "One On One",
    "name": "Seeking Teachers to give feedback on a new website for a teacher's organization A"
  },
  "respondent": {
    "firstName": "Guy",
    "lastName": "Matheson"
  },
  "fee": 50,
  "incentive": 75,
  "tip": 0,
  "totalIncentive": 75,
  "createdAt": "2017-05-01T14:42:13.845Z",
  "total": 125
}
```