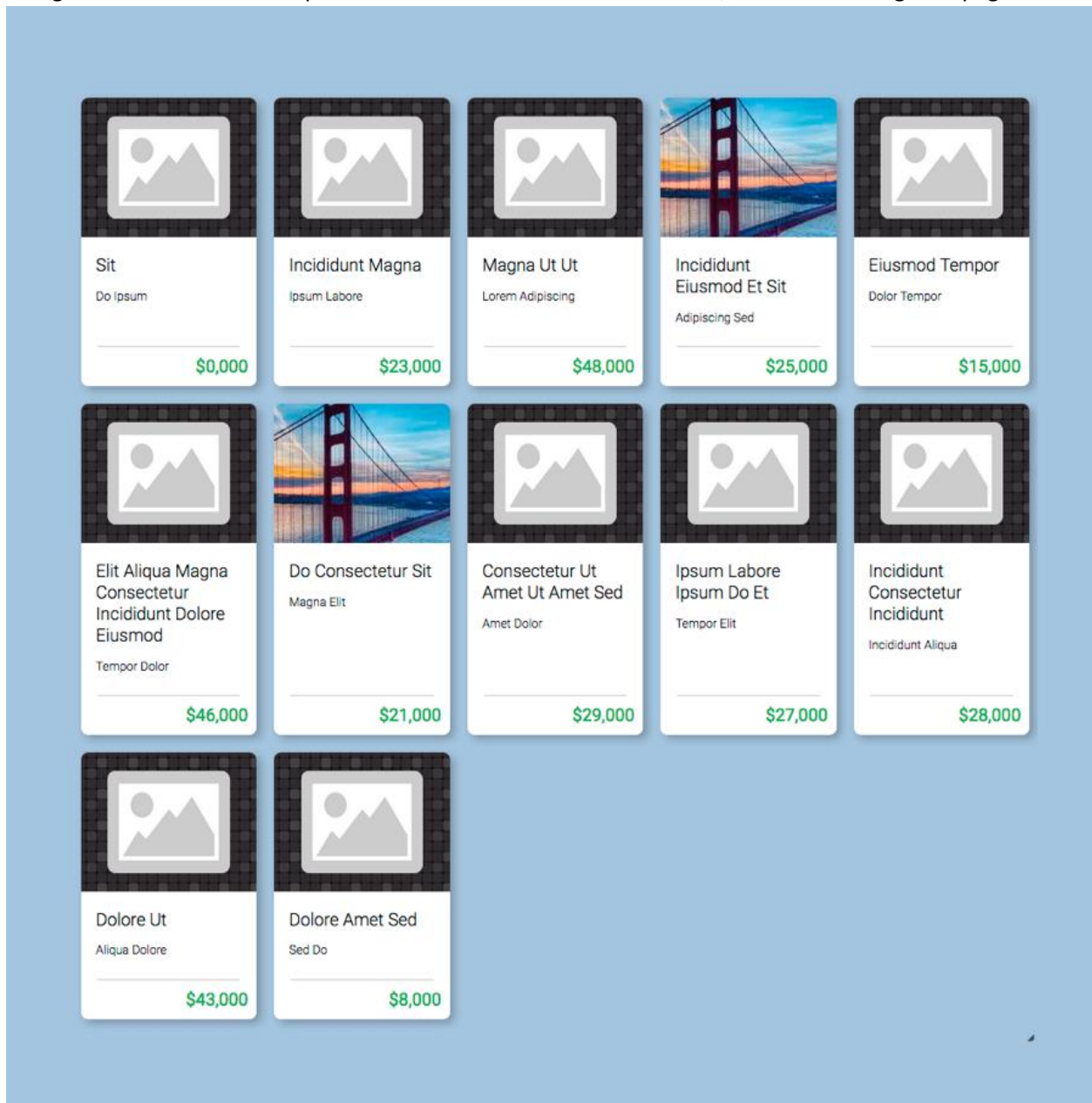


User Interface Engineer Pre-Interview Assignment

The purpose of this assignment is to get a technical work sample. Your ability to discuss the approach you took in completing the assignment is at least as important as the work you submit. Take as long as you would like, but this is not intended to require an extensive time commitment. **Please read this document in full before starting.**

Assignment

Using the user interface comp below and the attached JSON data file, create a working web page:



Goals (in priority order):

1. Page should resemble the comp. If front end/CSS framework you choose has components that resemble but do not exactly match comp, that is fine
2. Data should be fed by included JSON.
3. Page should be responsive, demonstrating change in layout between at least two breakpoints. Use your discretion on what changes in alternate breakpoint.

Extra Credit:

1. Add ability to sort based off Heading, Subheading, or Price. This functionality is not represented in comp, use your discretion on how to add it.
2. Limit Cards to one row while preserving number of columns, then add pagination to see other results. This functionality is not represented in comp, use your discretion on how to add it.

Technology:

- A CSS preprocessor and front end/CSS framework are encouraged. We currently use SASS and a derivation of Bootstrap.
- Page should use JavaScript to generate core markup, preferably using a JavaScript Framework. We currently use ReactJS but feel free to use any that you are familiar with (ie Mustache, Angular, Ember, Vue ...)
- We suggest using <http://CodePen.io> or <https://jsfiddle.net/> to write your code. If not, make sure page is hosted somewhere that is publicly accessible and we can see all code.

Attachments:

- Larger Comp image
- JSON of data
- Location of images used in comp are: <https://goo.gl/W6XXEx> , <https://goo.gl/zg4adq> , <https://goo.gl/NbNN0F>