Your changes have been saved.

Project Summary

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Build a tool to let users assemble a collection of devices they own. Your application will have a grid of devices and a 'gear bag,' or place for a user to show off their stuff. You'll store the list in the users' browser, using HTML5's storage engine. When the user reloads the page, everything should still be in their gear bag.

Project requirements

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You should implement this completely client-side, using Javascript, HTML, CSS, and React. It should work in the latest version of Chrome, but does not need to work in IE. I suggest implementing this in three parts:

1. Using our API, retrieve images for all of our devices. Show these devices as a grid of images. We have a lot of devices, so they won't all fit on the screen. You can use infinite scrolling or pagination. Don't load them all up-front—you'll need to perform additional API requests as the user scrolls or clicks 'next'.
2. Create the gear bag and make the devices draggable. Users should be able to drag a device into their virtual collection.
3. Store the list of devices in this collection in the browser's HTML5 storage layer. On page load, check this data structure to see if there are any stored devices to display.

Extra credit: Make your application work full screen.

Helpful Resources

- https://developer.mozilla.org/en-US/docs...
- http://www.ifixit.com/api/2.0/doc
- https://www.ifixit.com/api/2.0/doc/Wikis...
- https://reactjs.org/
- https://github.com/brillout/awesome-reac...
- https://developer.mozilla.org/en-US/docs...

The best place to look for examples is our GitHub repository, (https://github.com/ifixit) where we've open-sourced some of our projects like the embed widget, our iOS app, and our Android app. All of those make good use of (different versions of) our API to retrieve their data. Our API documentation also includes examples responses.

If you're interested in going forward, please put the project on GitHub and send me a link once you get started (eric@dozuki.com). Don't forget to commit and push periodically as you go.

If you've got questions, feel free to ask. I'm looking forward to seeing what you create.