Virtual FLIP Kit

**Children’s Museum of Houston**

Team HardCoders (Monica Tran, Anqi Wang, Tram Vuong, Niloofar, Rsdjgkjle)

High-Priority Requirements:

* Log-in & Register
* Choosing categories (1. Grade, 2. Theme)
* Activity Kit Items
  + Instructions
  + Activities
  + Survey

Low-Priority Requirements:

* Data collection
  + Track number of visitors for a FLIP Kit
  + # of children in each Grade Level
  + Most popular themes
* Virtualization of activities
  + Drag and drop “clothes pins”(rectangles) onto a “plate” (circle) w/in a minute
  + <https://www.npmjs.com/package/react-draggable>
  + Embed a timer
* Social Media sharing
  + tintup.com (Free Trial)
* Recommendations
  + Select flipkits from booklist where theme is the same as current flipkit
* Pick up from library?

Tech Stack:

Ionic Framework, HTML, NodeJS, MySQL