

**UI ASSIGNMENT**

***Task:***

Build a reusable carousel component.

***Design:***



***Requirements***

* Should be done as a reusable component using core Technologies
* On click of the left/right arrow, should navigate to respective slide.
* Clicking on Dots should navigate to respective slide.
* The component should take the full width of the container
* Component should scale down for smaller devices
* The background Image should always maintain the aspect ratio .
* Good to Have
  + Implement Swipe on Mobile

***Technology requirement:***

* HTML5
* Core Javascript (ES6/ES5)
* No usage of any frameworks or libraries like React, Angular, Bootstrap. This should strictly be avoided.
* CSS3, usage of SASS/LESS is mandatory
* Use BEM naming conventions
* Use Gulp/Webpack to
  + compile SASS to CSS
* concat and minify JSGood to have,
  + Including custom fonts [**adding local web fonts** instead of including google or typekit is prefered]
  + Add icons [Font icon or SVG] (Fontawesome or flaticons can be used)

***Submission guidelines:***

* Upload the code into public [Github](https://github.com/) repository and share the repo link
* Host the final outcome into [Heroku](https://www.heroku.com/) or [githubpages](https://pages.github.com/) and share the link to see the demo in action.