# **Coding Standing and structure for Keito Website**

## A)  **Principles of Standardized Code**

There are several guiding principles with Code Standards. These represent the core concepts of standardized code.

* Code should be readable and understandable by all members of the team. This includes internal and external developers.
* All code, regardless of the project, should read as if it was developed by a single person regardless of how many individuals actually worked on it.
* The style of writing and implementation of these Code Standards is agreed upon and implemented by the team.
* Assist in developing well-formed, semantically correct, and mostly valid code.
* Aid in the onboarding of new development team members to new and existing projects.

## B)  **Guidelines to follow:**

* Avoid using !important as much as possible that breaks natural cascading in your stylesheets.
* Avoid inline styling - use BEM pattern for css styling. (block element modifier)
* Css unit: Avoid pixel, use rem to avoid bunch of changes in your media queries.
  + Use pixel only when unit is less than 10pixel
* Use a percentage unit wherever possible for responsive design.
* comment code with start and end of new section.
* Class, Id naming convention -> Use a consistent scheme for assigning the value of name and ID properties. All lowercase  ex- sectionname\_workitisDoing

Ex- pricing\_resetbutton, blog\_authorInfo

* Always Specify alt, width, and height for Images.
* Use indentation consistently to enhance the readability of the code.

## c)  **Code Structure**

* New Imports:
  + External file - if need to import new functionality avoid cdn links use download option.
    - put your downloaded external js file in **vendor/js** folder
    - put your external css file in **vendor/css** folder.
  + Internal file - run **sass style.scss:style.css** command to convert scss to css**.**
    - update your css changes in **resources/css** folder **style.scss** file
    - for any jquery update, update in **resources/js** folder main.js file
* When need to import any new font, use **otf** and **ttf** format only, in **vendor/fonts** folder in Keito-brand
* When downloading any new image use only **jpeg or jpg** format**,** import it in **resources/images** folder.
* If need to use any new color combination, use **resources/css/variables** variable.scss file and use them in your scss file