**V Update Template**

This frontend project is based on Webpack which features following benefits below.

* Less code for the automated tool.
* No extra code for building production version. (Transform, Concat & minify )
* Easier code splitting. ( Only load assets the page needs )
* ES6 Support for JS ( or even ES7 )
* Local scope in JS file. ( No need to wrap the code inside anonymous function )
* Base64 encode for images to reduce HTTP requests. ( like fency version of CSS sprite )

**------------------\*\*\* How to Install project**

**Requirement in the computer.**

NodeJS (http://nodejs.org/)

Ruby (http://www.ruby-lang.org)

Compass (<http://compass-style.org/>)

**Commends**

# To Install Project – “npm install”

# To Run Project – “npm start”

# To Build Project – “npm run build”

**------------------\*\*\* Styles**

Note: All SASS files are directly imported in Javascript file( Global JS and Page Specific JS) with ES6 Syntax.

**Global**

**Components** are located in app/sass/global/components

Files: gerenal, assets, buttons, fonts, layout, variables, visibility

These are the global components. So by changing them, these components affect to all pages. The most global components that would be changed for the new design are, \_**variable**, \_**buttons, \_assets** ( Global UI Assets ).

**Modules** are located in app/sass/global/modules

Files: Footer, gnt, gnt-login, header, lightbox, moda-box.

These are own set of modules. Please change styles based on the new design.

**Page Specific**

**Pages Specific Styles** are located in app/sass/pages

**------------------\*\*\* Javascript**

All Javascript fileare located in app/js.

There are 2 global JS and 3 Page specific JS as following below.

'global/config', 'global/main', 'home/main', 'article-temp/main', 'pre-reg/main'

**Global Config.**

This config file contains objects of global variables that affect the name of the site, settings for the points, promo event, and visibility of banners on home page.

**Project Name Object**

Main – This name is for redirect cookie, shadow coockie & twitter page.

trackingEvent – ‘Nick Name’ in every tracking events will be based on this value.

app.projectName {

main: ‘ Project Name’,

trackingEvent: ‘ProjectName’

}

app.config { } - Settings, texts for points, promo event & visibility of banners on home page.

**Global Main.**

This main.js imports following components/ modules below.

* Overall Website Components – Modernizr, responsive font, modalbox, header, gnt, etc.
* Share and Promo JS
* Cookie JS
* Global Tracking JS
* Global SASS
* Init Global Functions.

**Page Specific JS**

The page specific imports following components/ modules below.

* Page Specific Modules
* Page Specific Tracking Events
* Page Specific SASS
* Init Page Specific Functions

**------------------\*\*\* What to change for the new design?**

**For Images**

There are already placeholder images when project runs in local (‘npm start’). All the placeholder images should be replaced depends on the new design.

**For SASS**

Global files: \_**variable**, \_**buttons, & \_assets** inapp/sass/global/components

**\_variable** – global theme colors, font family, button sizes.

**\_buttons –** contains all the button styles

**\_assets –** contains global UI components such as video thumb nail and split line.

Page Specfic files: **main** inapp/sass/pages/[page-name]

**[page-name]/main.scss** – contains page specific styles. This maybe be updated depends on the new design such as background image, position, different color & etc

**For Javascript**

Global files**: app/js/global/config.js**

**global/config.js –** main & trackingEvent in app.projectName object should be updated and all the texts in points & pormo in app.config object should be updated as well accordingly.

**Tracking Events** are already active but if they need to be changed its behavior, then change them accordingly.

**For HTML**

**app/html/data/data.pug –**

Update all the placeholder value with real data in this object.

There is import field in this file. **trackingEventName** should be also updated and this value will be parsed to ‘**trackingEventName**’ in data-trackview attribute in HTML. Ex) data-trackView= **trackingEventName** + ", somePage > someElement" which will trigger ‘view tracking event’ if the element with this attribute is ‘viewed’ on the browser. Notice that I did not use value from app.projectName.trackingEvent because I wanted to keep this value as flexible.

**App/html/pages/[page].pug –** Update HTML based on the new design assets.