Zenni Code Interview – Documentation

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| Directory Structure |
| zenni-code-interview/  |  |---- css/  | |--- zenni-bootstrap.css  | |--- helper.css  | |--- zenni.css  | |--- zenni.css.map  |  |---- less/  | |--- zenni-bootstrap.less  | |--- zenni-variables.less  | |--- zenni-mixins.less  | |--- zenni-utility.less  | |--- zenni.less  | |--- .csslintrc  |  |---- gruntfile.js  |  |---- package.json  |  |---- index.html |
| View ports |
| 1. Large Desktop: >=1280 (col-lg-\*) 2. Desktop: >=1024 (col-md-\*) 3. Tablet: >=768 (col-sm-\*) 4. Phone (Phablet): <767 (col-xs-\*)   The bootstrap viewports are customized according to the project requirements.  The customized viewports can be found in less/zenni-bootstrap.css. |
| Build Tool |
| 1. Grunt tool is implemented with the following tasks:    1. Compiling LESS to CSS    2. Grunt Watch – to compile files when edited.    3. CSS Lint – to lint CSS files. The rules are mentioned in ‘.csslintrc’ |
| Installation |
| 1. Download and install node.js. This includes npm (node packaged modules). 2. Install grunt-cli globally with npm install –g grunt-cli. 3. Navigate to zenni-code-interview/ directory, run npm install. 4. npm will look at the package.json file and automatically install the necessary local dependencies listed there. 5. Once completed use the following commands can be used    1. grunt watch       1. watches the less source files and automatically recompiles them into CSS    2. grunt less       1. Compiles less source files into CSS    3. grunt csslint       1. To Lint CSS files under CSS/ directory    4. grunt zenni-build       1. This is a combination of all the three tasks mentioned above. |
| Notes |
| 1. The import statement in ‘helper.css’ for bootstrap has been commented. 2. Bootstrap 3.3.6 is used and is placed as a less file at less/zenni-bootstrap.less. |