# How to run the application

1. Open the production folder (build/) and access the index.html file (build/index.html)

# How to setup for development

1. Open the UIUIX folder (UIUX/) and run the command prompt
2. Type “**npm install**” to install the required packages according to the package.json file,
3. Once successfully installed, type “**gulp**” and click enter,
4. Finally to view the page on the browser with live reload functionality, copy paste the Access URL e.g. (External: <http://192.168.1.101:3000>).

# Packages used during the development

|  |  |  |
| --- | --- | --- |
| **#** | **Package Name** | **Description** |
| 01 | browser-sync | for file sync and device testing purposes |
| 01 | del | to completely delete files and folder faster |
| 01 | gulp-htmlclean | for html and svg image magnification in order to improve performance |
| 01 | gulp-imagemin | to optimize images |
| 01 | gulp-newer | Passing through new files to the destination folder |
| 01 | gulp-preprocess | Used to render html files to the master page (index.html) |
| 01 | gulp-sass | Used to compile CSS |

# Assumption

1. Assumed that the application should be built upon a JavaScript task runner (gulp.js ) to stream line the development process.
2. The User Interface should be accessible on all devices (Responsive)
3. Drag and Drop was a requirement
4. Files such as pdf and word documents are only allowed to be upload
5. Responsive frameworks must not be used
6. Free to choose any typography or fonts

# Reference

1. A framework was used and modifies to develop the drag and drop functionality

Web Ref: (<https://www.sitepoint.com/html5-file-drag-and-drop/>)