

## ADG Best Practices – User Interface

### ADG Development Guide

The ADG Development Guide is an application hosted in Azure that provides a set of standards and guidelines for developers to use as a foundation for new and existing web applications. It is encouraged that all applications use the common theme, structure, components, and standards to create a recognizable brand, reusability, and reliable applications. This includes a User Interface Guide and a list of assets available over a Content Delivery Network (CDN). The ADG Development Guide can be found at <http://adg-development-guide.azurewebsites.net>.

### User Interface Guide

The UI Guide in the ADG Development Guide site provides both visual and code examples for producing common elements used throughout ADG applications. Currently this includes navbars, headers, buttons, and blocks of content. This section is due for expansion over time to demonstrate as many elements of ADG development as possible.

### Content Delivery Network Assets

The ADG CDN currently hosts a set of stylesheets, script files, images, and fonts that can be used throughout ADG applications. The ADG CDN is used because a CDN has edge servers that are tuned to provide media files with very low latency to web-browsers, and as a user receives a file from the CDN the browser will cache it for reuse. This means that different sites using the same Javascript library can share a large performance improvement since the browser does not need to download the same file from different servers for each site.

### Bootstrap Cerulean

The Bootstrap Cerulean theme comes from Bootswatch and is built on top of Bootstrap 3. The ADG uses the full suite of Bootstrap components, and by including the Bootstrap Cerulean theme there are slight alterations in styles to better fit our look and feel. The required files for Bootstrap can all be found on the ADG CDN for reference or to download.

### ADG Standards Stylesheet

ADG Standards is a stylesheet that builds upon the existing Bootstrap Cerulean theme. The two files combined make up the foundation of the ADG theme and user interface standards. It's recommended that all new ADG projects begin with this approach. The ADG Standards stylesheet can be found on the ADG CDN for reference or to download.

### ADG Application Logo

The ADG utilizes a unique logo for each application in a common theme in the upper left-hand corner of all web applications. The logos being used for applications comes from the icons8 library. The image can be found in the navbar-brand element of the top navbar which is a key element of a Bootstrap header. The logo can be hosted on the ADG CDN for reference or included in the application. The ADG applications also utilize a common footer that includes a “powered by ADG Cloud” with an image, as well as the current release number of the application, along with any necessary footer links.

## Noto Fonts

ADG Applications are using two basic fonts, Noto Serif and Noto Sans. The Noto Serif font is used for headers and titles, while the Noto Sans font is used for all of the body content. Both fonts are available over the ADG CDN for reference or to download in four styles, including regular, bold, italic, and bold italic, each across multiple font file types, including .eot, .woff, .ttf, and .svg.

## Additional 3<sup>rd</sup> Party Stylesheets

### Font Awesome

Font Awesome is the standard icon set for ADG applications. The necessary files for Font Awesome are available on the ADG CDN for reference or to download.

### Data Tables

Data Tables is a stylesheet/javascript combination for producing tables with out of the box searching, filtering, and paging. Additional features can easily be implemented through configuration too. The necessary files are available on the ADG CDN for reference or to download.

### Bootstrap Date Picker

The Bootstrap Date Picker is the standard date picker for ADG applications. The necessary files for the Bootstrap Date Picker are available on the ADG CDN for reference or to download.

### Metis Menu

The Metis Menu is a left hand navigation menu for additional navigation options beyond the top navbar. The necessary files for the Metis Menu are available on the ADG CDN for reference or to download.