**CS3240 Lab Assignment 2 Write-up**

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For the App UI design assignment, I have created a News Reader App called DSQUAREDaily, or D2aily, standing for Design Daily. As its name suggests, it provides design related news to the users. Because the screen size of a mobile phone is fixed, I did not include any responsive design, and the layout is fixed. A browser width of 420px is recommanded for the best user experience.

**Overall design:** The chocolateUI components such as navbar, buttons, list and forms are highly customized in terms of color, size, font styles, to fit the theme of the App. To make white-colored title readable on some white images, I have added shadow to the text using CSS. Because the process of adding in news articles, including finding articles, cropping images to proper size, etc., is very tedious and time-consuming, I only put in three articles in the featured news section. Also, I only create the page of Fashion category and put one more article inside it.

**Main Page:** On the main page of the App, I add in a Bootstrap Carousel, which showcases the featured news of the day. Followed by that are the categories of design-related news. For the demonstration purpose, I include four categories, namely Architecture, Fashion, Interior and Lifestyle, and only Fashion works. When first entering the App, the four categories will appear one by one, which is achieved by using JavaScript. On the upper right corner of the main page, a setting icon can be found.

**Category Page:** I created the Fashion page for demonstration. When clicking on the Fashion Category, a full list of fashion related news will appear one by one for the first time, also achieved by JavaScript. The users can tap on each article to view it. As I mentioned above, only the first article in the Fashion part is added.

**Article Page:** Each article has the same layout: A title background image, an icon that shows the category of the article on the upper left corner, the article with pictures, and a comment section. The icon on the upper left corner also functions as a back button, which leads the user back to the main page if it’s a featured article, or to the category page if it’s viewed in the corresponding category. Users can add comments to the articles. For demonstration purpose, I create a working comment section in the article ‘Tadao Ando Shares First New York Project’, which is the first featured article. The users can leave comments with their nickname. They can fill in their comments in the forms, and the comments will be populated in a list under the article. If the user leave the nickname empty, it will be displayed as Anonymous. However, if the comment is left empty, a popup window will appear.

**Settings Page:** In the settings page, users can change the font size of the articles and set the App to Night Mode. The font size can be changed using a Range Button, and the Night Mode a Switch Button. The default font size is 17px. Users can change from 10px to 30px, and the jQuery function .css() will change the attributes accordingly. When the Night Mode is on, the background will be changed to a dark color with a lighter font color, for the ease of reading at night.