A quote for you

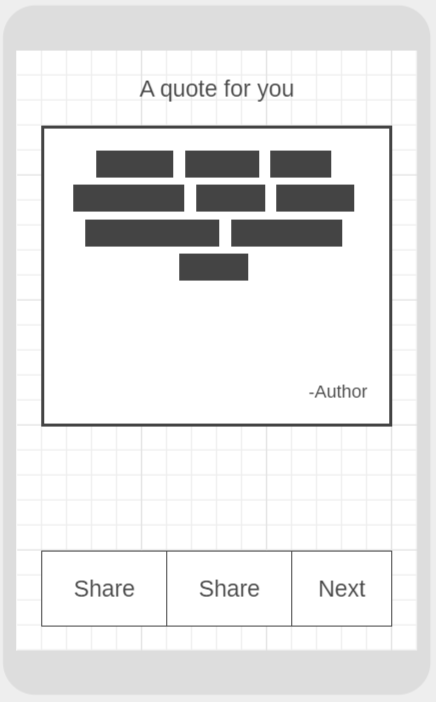
# Introduction

What first pops into my mind to build a random quote generator application, is that it should be classy and simple. This would mean a clear heading, a large quote block and some social and other actions at the bottom. Optionally we want to click on the author to get more quotes from that specific author. Also, we want to base the design and usability on mobile-first.

# Setup

## Wireframe

I came up with the following wireframe. It contains a heading, a quote and author block, 2 social buttons and a button to refresh the quote.



### Heading

A simple heading “A quote for you”.

### Quote block

The quote block contains the quote and an author. Clicking on the author will show a random quote from the specific author. Swiping the block to the left will show the next random quote.

### Share block

I decided to add two share buttons: Facebook and Twitter. There is also a *next* button to show a new quote.

## Theme

### Colours

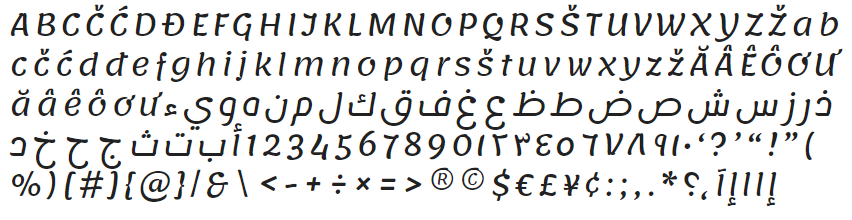
The theme of the application should be classy and warm, so I will use warm colours. I found a [colour scheme generator](https://coolors.co/edcb96-f7c4a5-9e7682-605770-4d4861), that gave me the following pattern:



### Font

I want to use a stylish font for the quote block. I decided to use the Google font [*Lemonada*](https://fonts.google.com/specimen/Lemonada). For the other text I decided to go for the system font *Segoe UI*. For the share icons I also added a [*Font Awesome*](https://fontawesome.com/) icon font library

#### Lemonada



### Images

I also wanted to make the quote panel look like something you hang on your wall at home, so I found a good *SVG* border for it.



## Framework

### Initialization

I decided to use Angular 8 for this application. I have setup the framework with the use of Angular CLI and used a router, just in case I need one.

### Language

To assure code quality, TypeScript would be a good set to work with.

### Styling

I decided to choose Stylus as a pre-processor for CSS. This because the linting and automatic sorting extensions available in Visual Studio Code are very useful for this pre-processor.

### Testing

Standard Jasmine unit testing tool, and a Protractor automatic test.

### Components and services

I decided to work with the following components:

* **Quote component.** Main area for the quotes.
* **Share component.** Area for the social share buttons.
* **Quote service.** Used for calling quote API.
* **Share service.** Calls the right configuration settings.

### Configuration file

All configurable text, API endpoint data, link URLs and mock data is centralized into one configuration file. This makes is easier to apply changes to text without searching through the correct files.

# Start

## URLs

|  |  |
| --- | --- |
| Demo | <https://quoteforyou.netlify.com/> |
| GitHub | <https://github.com/jnieberg/a-quote-for-you> |

## NPM Commands

After cloning the app from the GitHub repository, you can use one of the following commands:

|  |  |
| --- | --- |
| npm install | Install the app |
| npm test | Start unit test |
| npm e2e | Start automatic test |
| npm build | Build for production purposes |