

Inspire Application

You have three pages:

Main Page

It display a random quote from the quote database, with two buttons:

- **Favorite:** add this quote to favorites
- **Another Quote:** show another random quote

Favorite Quotes

Show the list of favorites quotes with the option to remove each quote from favorite.

Submit a Quote

Save a new quote to the list of quotes, the quote object have two properties:

- The quote text
- The author

Quote Database: Download the list of quotes from
<https://raw.githubusercontent.com/formatech/materials/master/quotes-database.ts>

Hints

- Create a new phonegap project
- Remove unnecessary stuff as we did before in the class
- Setup the tsconfig file
- Start by defining the Quote Service Api
- Create the pages with the navigation tabs
- The app should open on the main page by default
- The main page should show a random quote once opened

Code Hint

Get Random item

You can use the followin method to get a random item from an array

```
function random(array) {
    return array[Math.floor(Math.random() * array.length)];
}
```

Some jQuery methods

Selection

```
$('#div') // select all <div> elements
$('.item') // select elements that have the class *item* <div class="item">
$('#item') // select elements that have the id *item* <p id="item">
$('[size]') // select elements that have the attribute *size* <a size="12"> or <a si
$('[size=20]') // select elements that have the attribute *size* with the value of 2
```

Manage Content and Html

```
// set html
$('.item').html('This is the html <b>content</b>');

// get html
var html = $('.item').html();

// create new jQuery object (dom reference)
var $item = $('<div class="item">');

// append element to the container
$('#container').append($item)
```

Bonus

Use the web api to fetch quotes instead of using the local database

<https://talaikis.com/api/quotes/random/>

Images

