



**FACULTY OF COMPUTERS AND INFORMATION,
CAIRO UNIVERSITY**

CS352: Software Engineering II
Year 2017-2018
Second Semester

Assignment 1 – Version 1.0

Course Instructors:
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Revision History

Version 1.0

By Dr Mohammed El-Ramly 20 Feb. 2018

Main Doc

About “Color lovers” API:

It is an API that supports searching in thousands of colors and platters, also it provides a matching patterns of your favorite patterns of colors to your website, as it has services to get the top and new colors, and it can suggest a random color, pattern or platter to your stunning project.

Services used:

Search for a color <http://www.colourlovers.com/api/colors>

Get random color <http://www.colourlovers.com/api/colors/random>

Get new colors <http://www.colourlovers.com/api/colors/new>

Get top colors <http://www.colourlovers.com/api/colors/top>

Get random Platters <http://www.colourlovers.com/api/palettes/random>

Get new Platters <http://www.colourlovers.com/api/palettes/new>

Get Top Platters <http://www.colourlovers.com/api/palettes/top>

Get random Pattern <http://www.colourlovers.com/api/patterns/random>

Get new Patterns <http://www.colourlovers.com/api/patterns/new>

Get Top Pattern <http://www.colourlovers.com/api/patterns/top>

Source Files:

Index.html >> Home Page.

SC.php >> return the searched color.

RC.php >> return a random color.

TC.php >> return Top colors.

NC.php >> return new colors.

RPL.php >> return a random platter.

NPL.php >> return new platters.

TPL.php >> return top platters.

RPT.php >> return a random pattern.

NPT.php >> return new patterns.

TPT.php >> return top patterns.

<https://jsonformatter.org/> Implementation details:

The application uses HTML , CSS as a front end and php as a back end, The home page sends requests to php pages and php get the response from the services of the API and view it.

Recourses and tools:

<http://www.colourlovers.com/api>

<https://www.programmableweb.com/api/colourlovers>

<https://jsonformatter.org/>

Assignment Github link:

<https://github.com/AliAhmedTaha/API>