

HCI:TOOLS

HCI COMP341

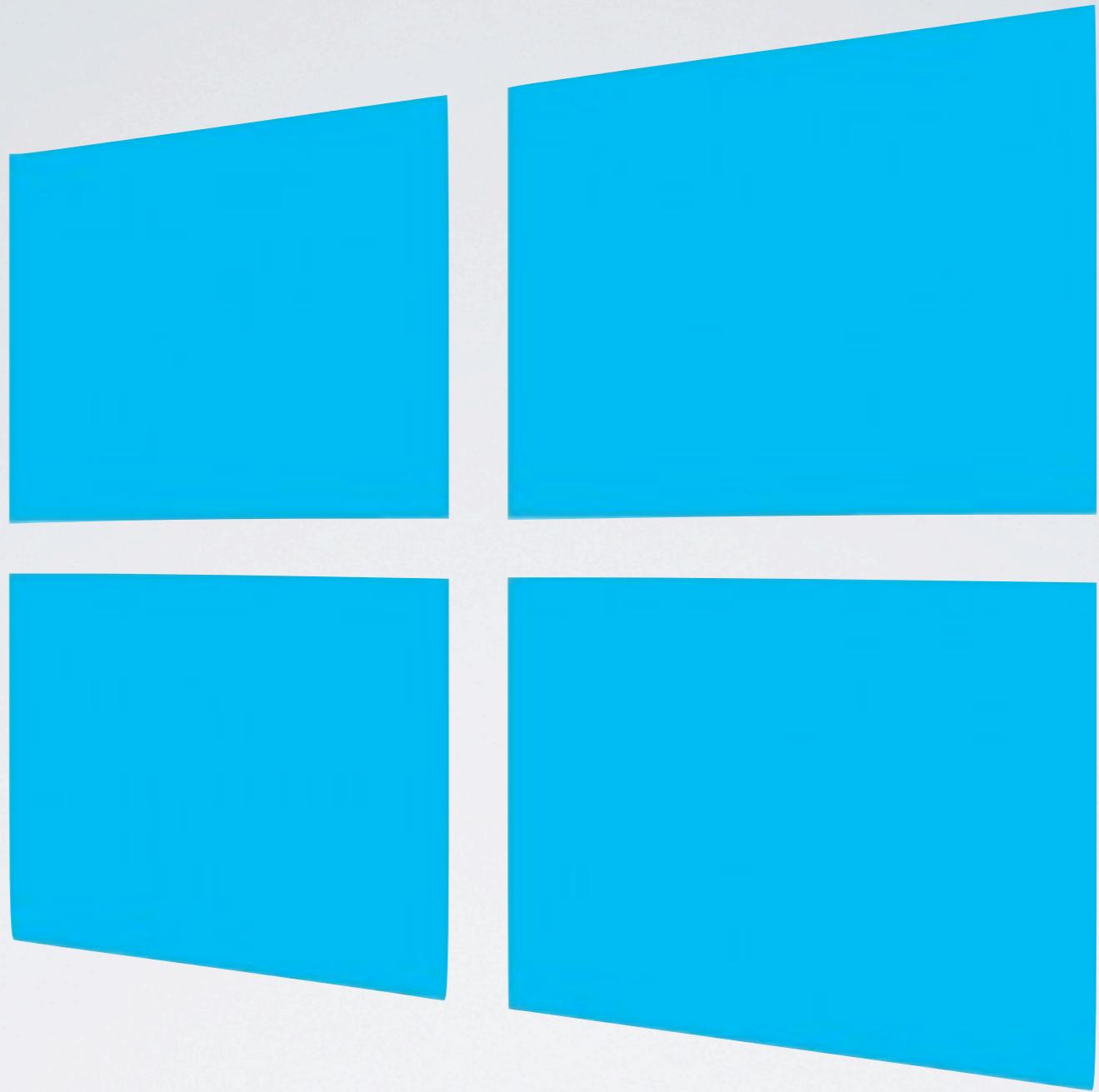
high fidelity prototyping with twitter bootstrap

REVIEW

- The roadmap
- Task we have completed
- Remaining task
- Work*

OVERVIEW

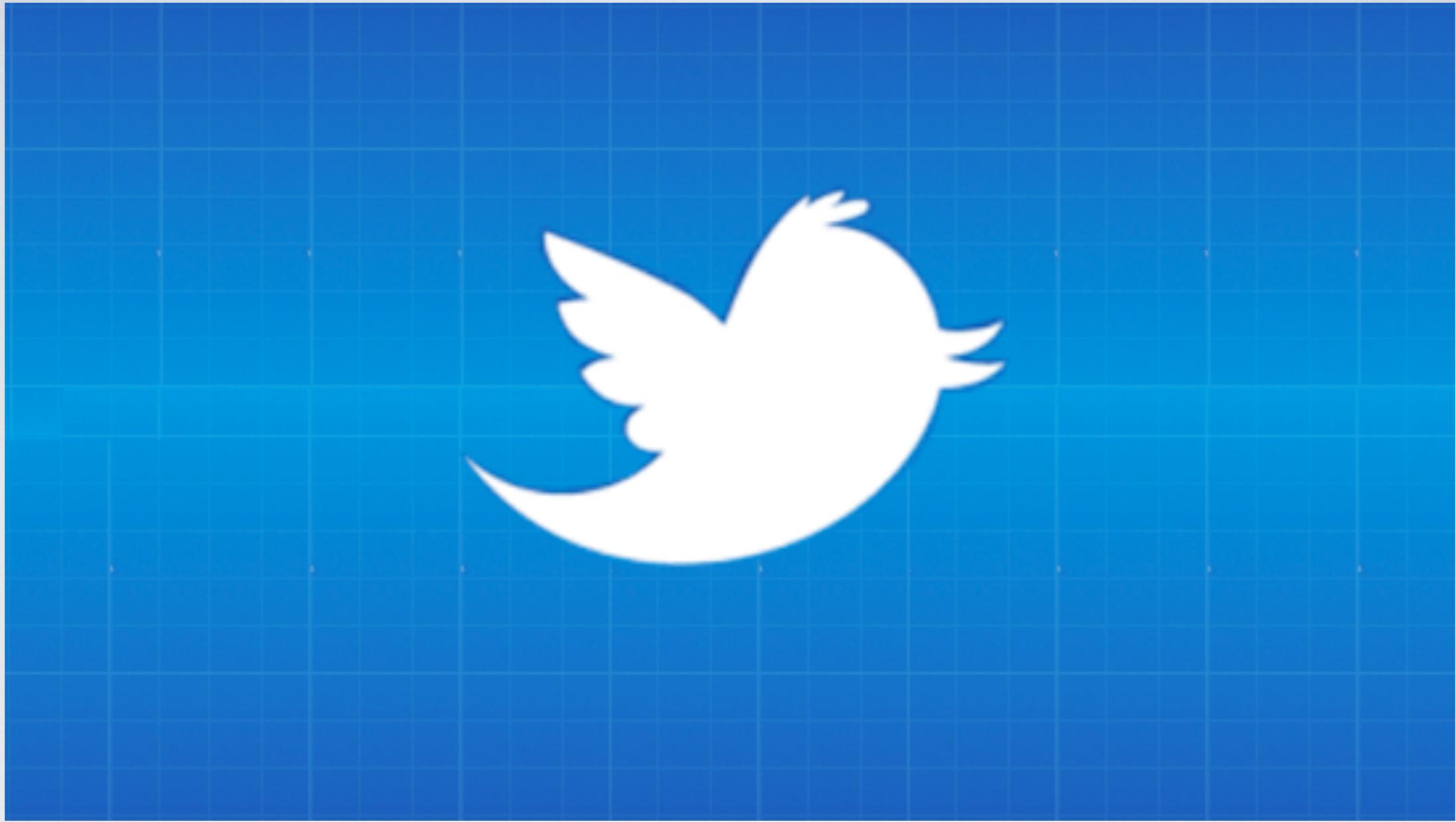
- Bootstrap Introduction
- Why use Bootstrap
- Bootstrap Components
- Example codes
- Bootstrap Enhancement
- Examples and resources



RECTANGLES

Are rectangles, grids and monochrome good for UX?

BOOTSTRAP



FROM TWITTER

Simple and flexible HTML, CSS, and Javascript for popular user interface components and interactions.

Designed and built with all the love in the world @twitter by
@mdo and @fat.

Code licensed under the Apache License v2.0. Documentation
licensed under CC BY 3.0.

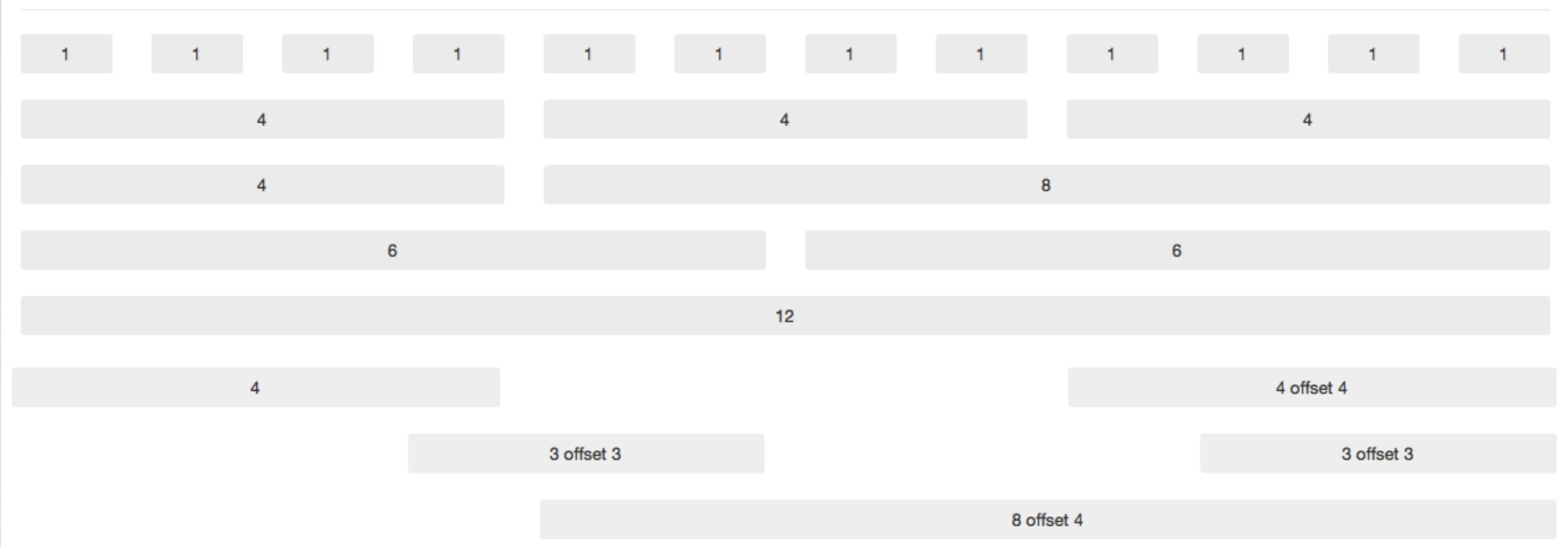
Icons from Glyphicons Free, licensed under CC BY 3.0.

**[http://twitter.github.com/bootstrap/
index.html](http://twitter.github.com/bootstrap/index.html)**

BOOTSTRAP FEATURES

- Open Source
- 12 column flexible grid
- Responsive design
- Cross Browser support
- Custom plugins
- HTML5/CSS3 elements and syntax support

COMPONENTS



GRID SYSTEM

12 column 940px grid system with offset, fluid grid and nested columns support.

This is heading 2 / H2

This is heading 3 / H3

This is heading 4 / H4

This is heading 5 / H5

THIS IS HEADING 6 / H6

This is text wrapped in paragraph. Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

This is an example of using **Strong** in text.

This is an example of using **emphasis** in text.

Headquarters of the UN is in Geneva, Austria.

w3resource

21 Ramkrishna Road

Burdwan, WB 713101

You can't say A is made of B or vice versa. All mass is interaction.

— Statement titled "Principles" (c. 1950), quoted in Genius : The Life and Science of Richard Feynman (1992) by James Gleick

This is an unordered list

- HTML5
- CSS3
- JavaScript
- PHP
- DataBases
 - MySQL
 - PostgreSQL
 - MS SQL Server
- Tools and APIs
- JSON
- C Language

TYPOGRAPHY

Base typography with support to blockquotes, emphasis, lists, codes etc.

#	District	▲ Remittance in Billion NRs.
5	Chitwan	10
1	Jhapa	16.8
2	Morang	13.2
3	Nawalparasi	11.8
4	Solukhumbu	10.7

TABLE

Normal tables and borders, zebra-stripes and condensed table support, sortable through plugins.

Text input

In addition to freeform text, any HTML5 text-based input appears like so.

Checkbox

Option one is this and that—be sure to include why it's great

Select list

Multicon-select

- 1
- 2
- 3
- 4

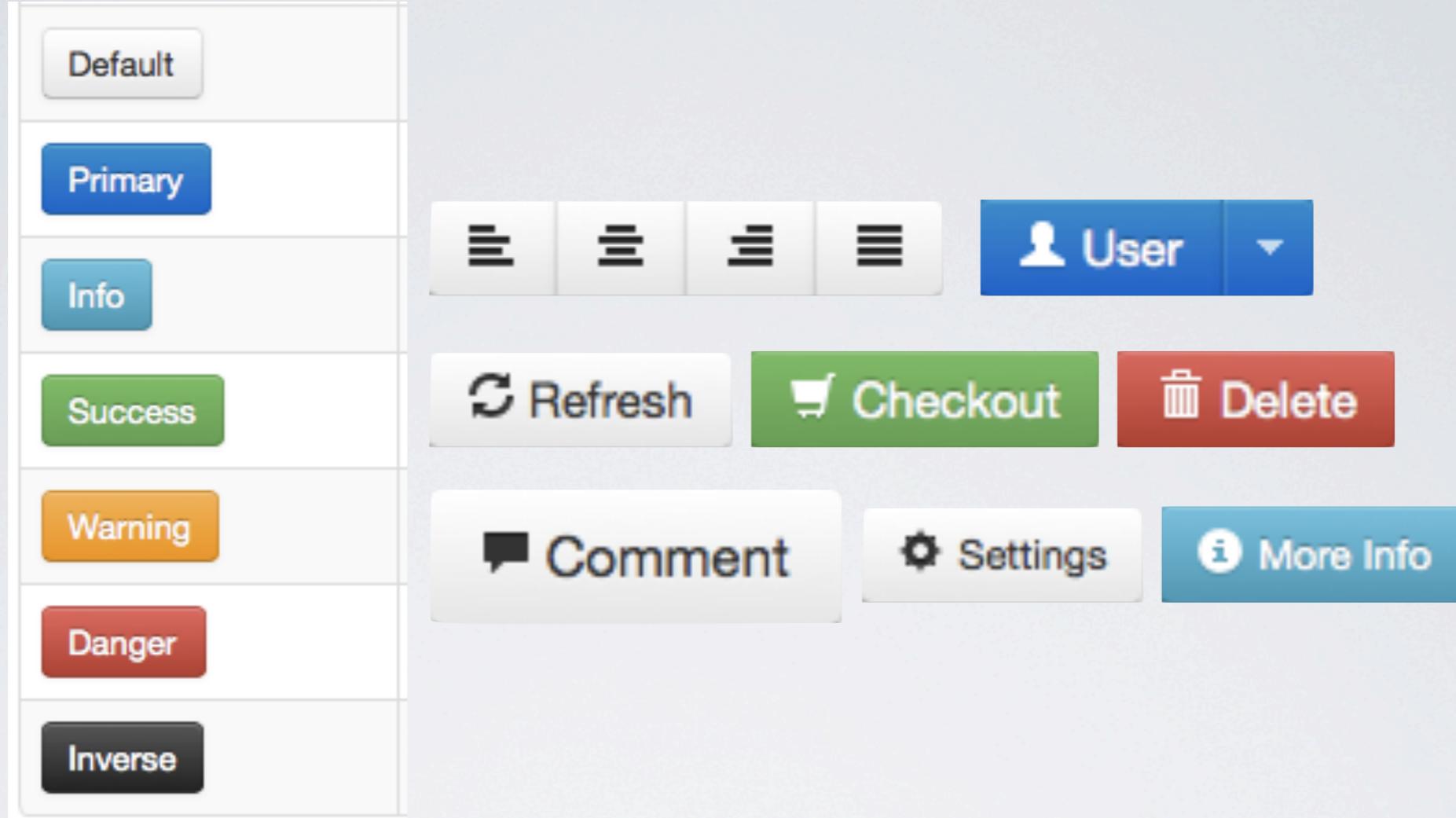
File input

No file chosen

Textarea

FORMS

Multiple form elements, validation styles and extended controls.



BUTTONS AND ICONS

Multiple styles, group and splits for button and extensive icon set

Financial

Health

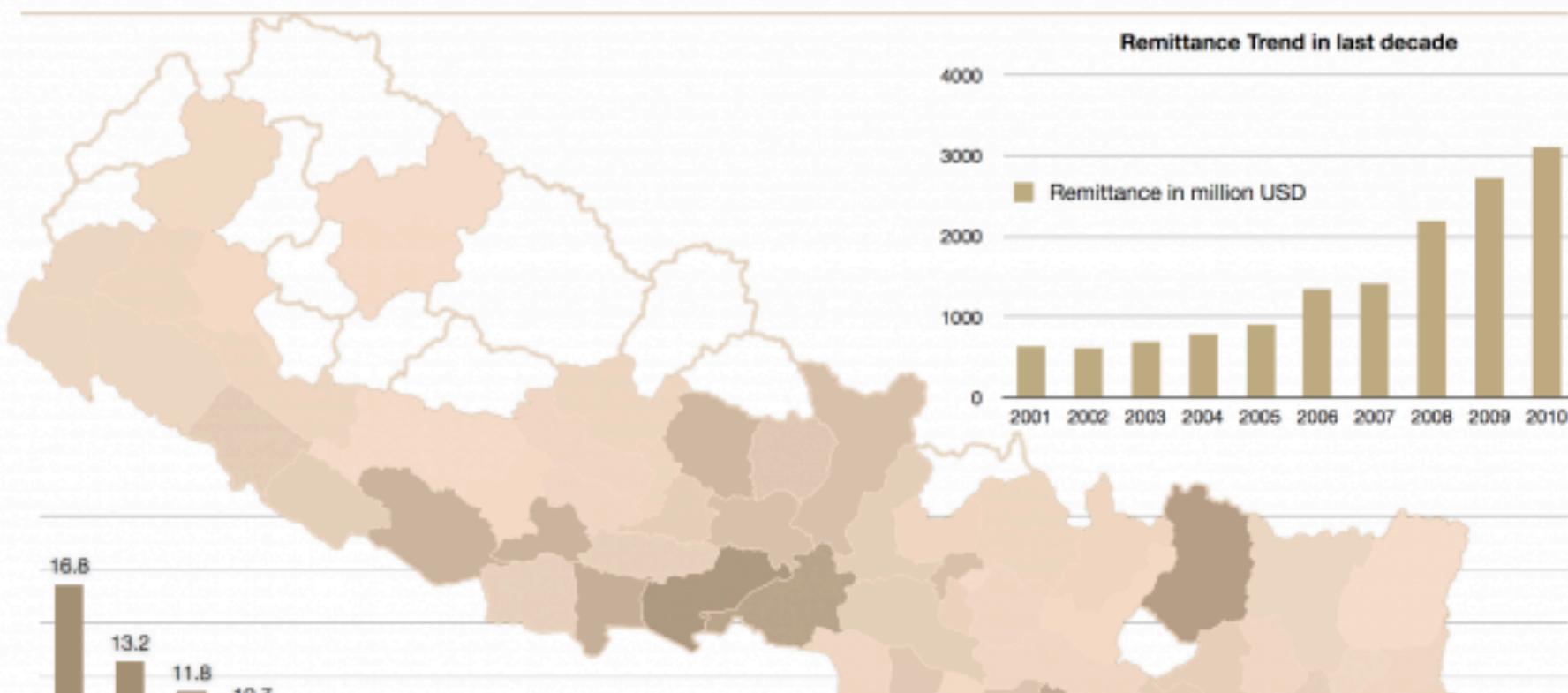
Education

Other

District-wise remittance distribution in Nepal

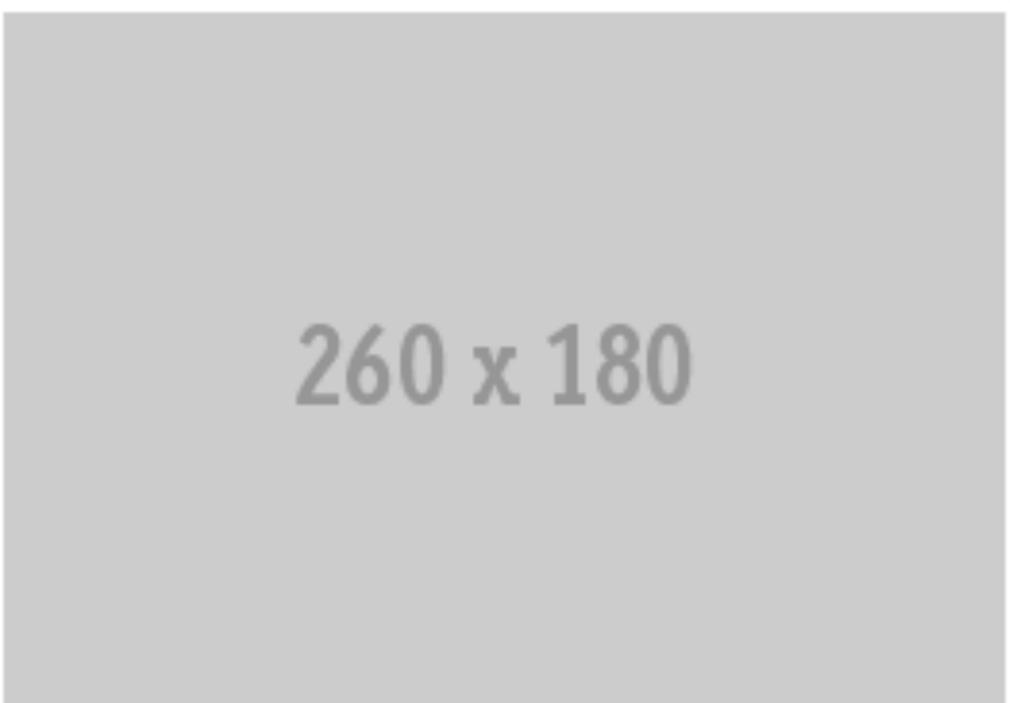
Districtwise Remittance Distribution

NepalStats.com



NAVIGATION

floating and static navigation bar, dropdowns, breadcrumbs, pills and tabs support.



260 x 180

Thumbnail label

Cras justo odio, dapibus ac facilisis in, egestas eget quam. Donec id elit non mi porta gravida at eget metus. Nullam id dolor id nibh ultricies vehicula ut id elit.

Action

Action



260 x 180

Thumbnail label

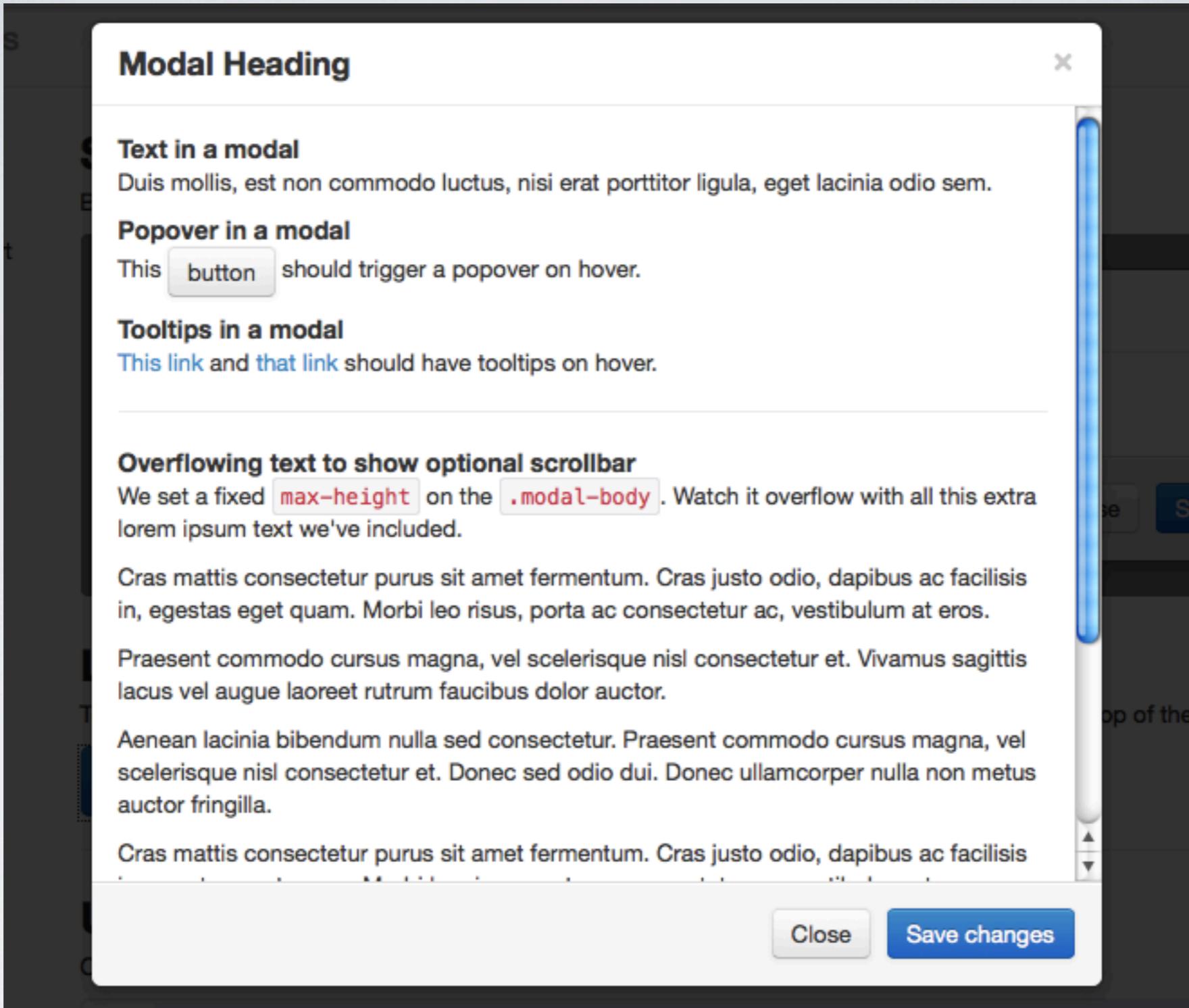
Cras justo odio, dapibus ac facilisis in, egestas eget quam. Donec id elit non mi porta gravida at eget metus. Nullam id dolor id nibh ultricies vehicula ut id elit.

Action

Action

THUMBNAILS

extensive thumbnail class with group thumbnails, customizable labels and captions.

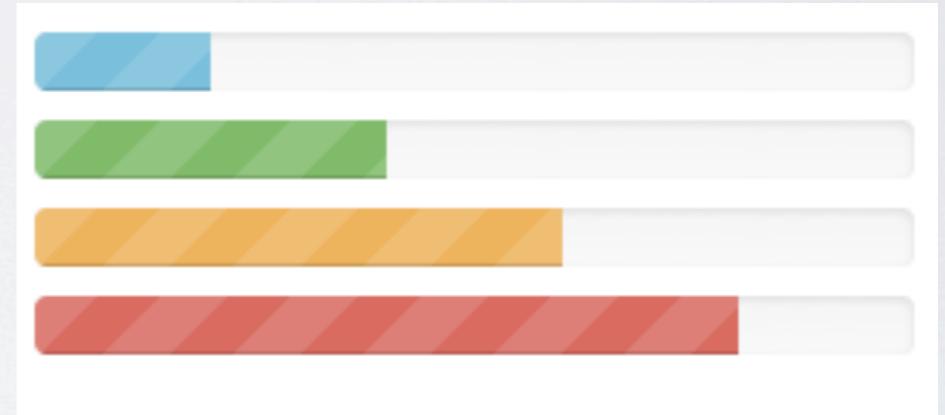


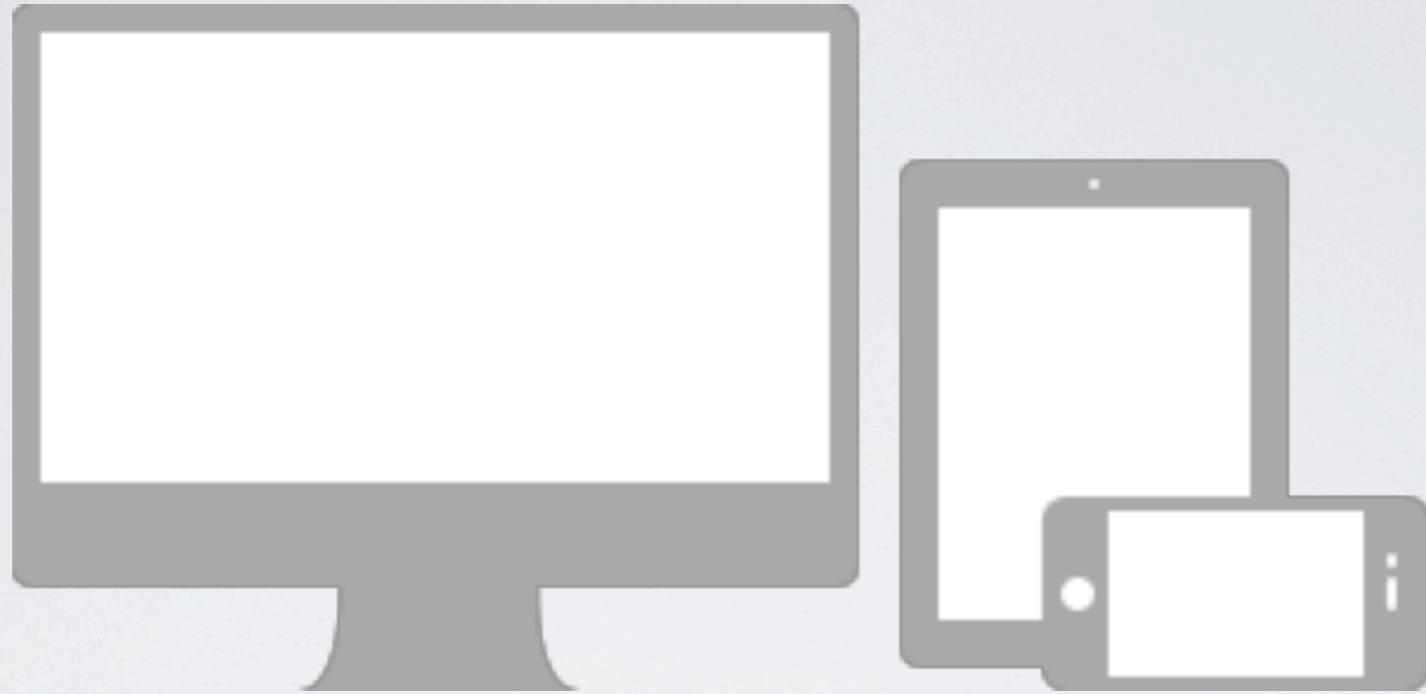
MODALS

simple popovers with customizability for alerts and display

OTHER COMPONENTS

- Alerts
- Progress bar
- slideshow
- popovers
-





RESPONSIVE DESIGN

supports media queries and utility classes

EXAMPLE CODE

BOOTSTRAP ENHANCEMENT

[1. Choose components](#)[2. Select jQuery plugins](#)[3. Customize variables](#)[4. Download](#)

1. Choose components

Get just the CSS you need

[Toggle all](#)

Scaffolding

 Normalize and reset Body type and links Grid system Layouts

Base CSS

 Headings, body, etc Code and pre Labels and badges Tables Forms Buttons Icons

Components

 Button groups and dropdowns Navs, tabs, and pills Navbar Breadcrumbs Pagination Pager Thumbnails Alerts Progress bars Hero unit

JS Components

 Tooltips Popovers Modals Dropdowns Collapse Carousel

Miscellaneous

 Wells Close icon Utilities Component animations

Responsive

 Visible/hidden classes Narrow tablets and below (<767px) Tablets to desktops (767-979px) Large desktops (>1200px) Responsive navbar

CUSTOM BUILD

supports base components, plugins and customize variables

StyleBootstrap.info

Create unique design with Bootstrap v2

[Navbar](#)[Body](#)[Typography](#)[Buttons](#)[Forms](#)[Miscellaneous](#)[Example](#)[Get this style !\[\]\(e82bb7a73cab40c77fe69a7e55ffd735_img.jpg\)](#)[WrapBootstrap !\[\]\(868cd8bec65c3e41dda30683af45e20b_img.jpg\)](#)

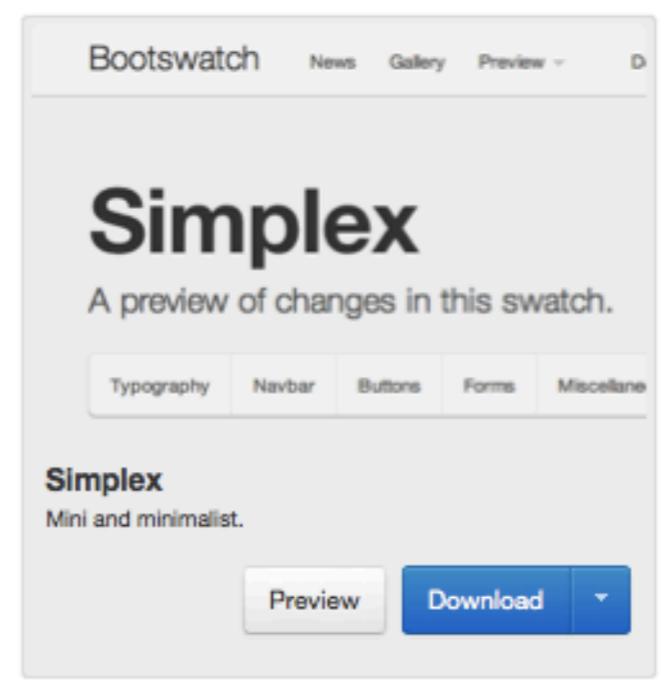
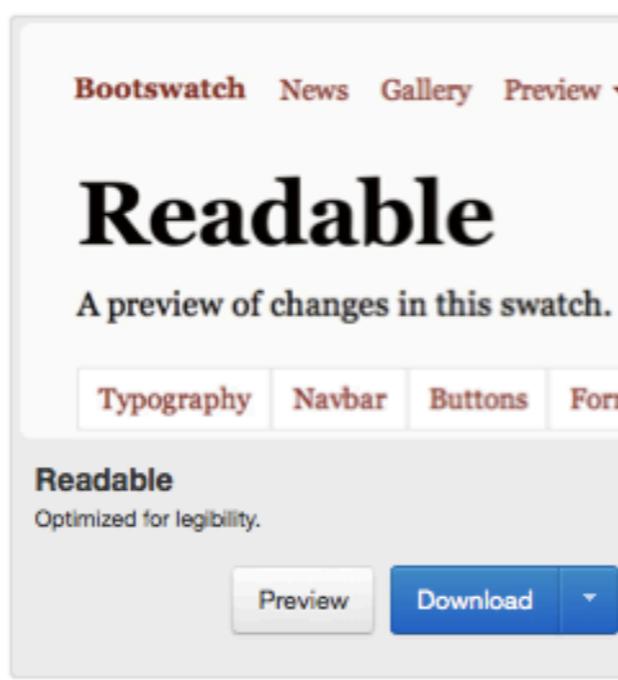
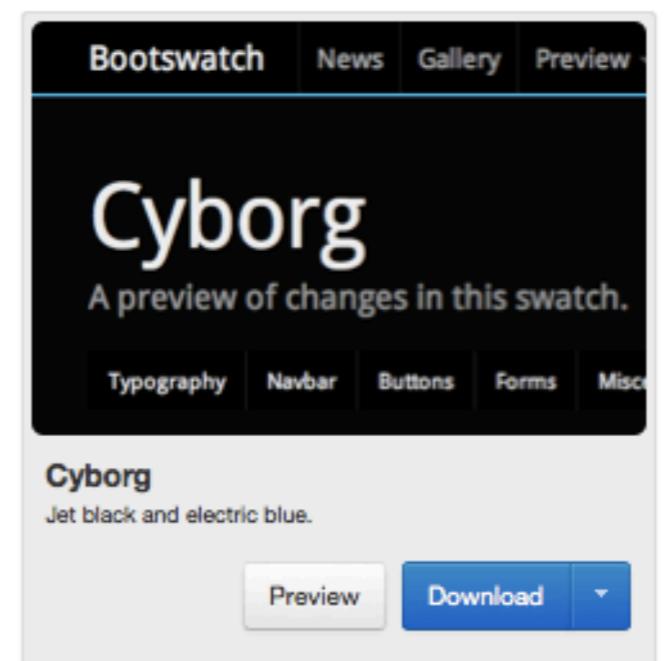
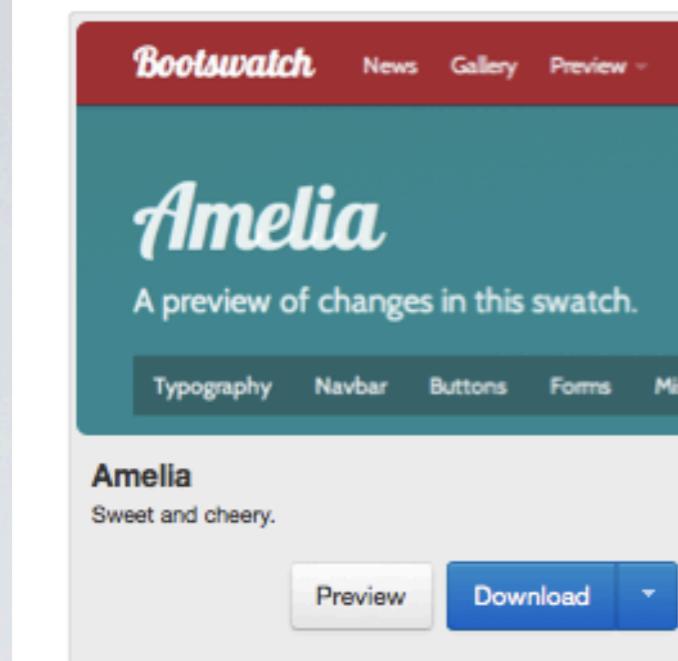
Navbar



The screenshot shows a customizer interface for a Bootstrap Navbar. At the top, there's a navigation bar with tabs for "Navbar", "Body", "Typography", "Buttons", "Forms", "Miscellaneous", "Example", "Get this style" (with a download icon), and "WrapBootstrap" (with an arrow icon). Below this is a preview area featuring a red Navbar with the following items: "Project name", "Home", "Miracle" (which is highlighted in dark red), "Link", "Link", and "Dropdown ▾". Below the preview are several color and style selection boxes. The "Background" section shows color swatches for "#b22a2a" and "#e80d0d", and font swatches for "font-family: ffffff" and "font-weight: 280707". The "Dividers" section shows color swatches for "#dbb6b6" and "#dd7373". Other settings include "Brand padding: 8px 20px 12px", "Button padding: 10px 10px 11px", "Divider height: 40px", "Brand font-size: 20px", and "Button font-size: 13px".

CUSTOM BUILD

for easy visual feedback while customizing



CUSTOM THEMES

Different free themes to spice up your project
bootswatch.com

Button Hue 25

Button Saturation 80

Button Lightness 36

Button Puffiness 17

Be Excellent To Each Other »

We built this generator to help us build **Monotask**. If you're easily distracted by shiny things online, you should **check Monotask out**.

How to Use This CSS Generator

This is an extension to the Twitter Bootstrap framework. It makes creating pretty buttons easy. (Send improvements to @charliepark.)

First, monkey with the sliders on the left.

Use your arrow keys for extra precision. (Button Puffiness might not affect all browsers.)

Second, copy the CSS in the box below.

You should be able to just pop it into your CSS file. Apply the class "btn-custom" to any button (or other element) on your site that you want to have these colors.

```
.btn-custom {  
background-color: hsl(25, 80%, 19%) !important;  
background-repeat: repeat-x;  
filter: progid:DXImageTransform.Microsoft.gradient(startColorstr="#e77727", endColorstr="#572909");  
background-image: -khtml-gradient(linear, left top, left bottom, from(#e77727), to(#572909));  
background-image: -moz-linear-gradient(top, #e77727, #572909);  
background-image: -ms-linear-gradient(top, #e77727, #572909);  
background-image: -webkit-gradient(linear, left top, left bottom, color-stop(0%, #e77727), color-stop(100%, #572909));  
background-image: -webkit-linear-gradient(top, #e77727, #572909);  
background-image: -o-linear-gradient(top, #e77727, #572909);  
background-image: linear-gradient(#e77727, #572909);  
}
```

CUSTOM BUTTONS

customize buttons to suit your theme

http://charliepark.org/bootstrap_buttons/

Font Awesome

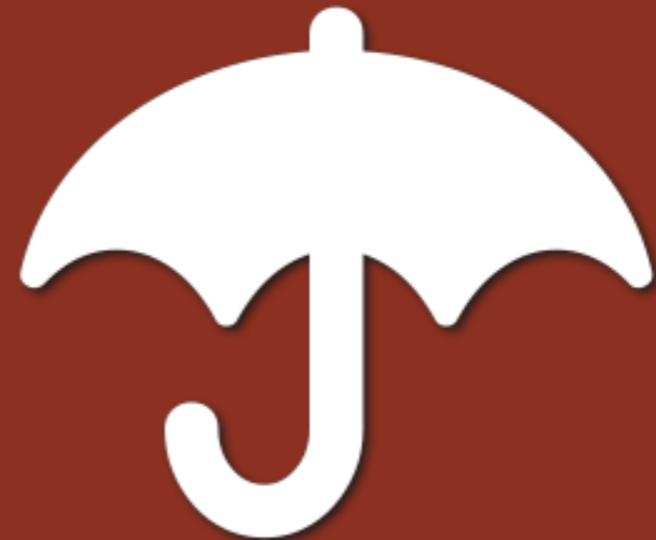
The iconic font designed for use with
Twitter Bootstrap



Download Font
Awesome v2.0



View Project
on GitHub



ICONIC FONTS

use icons for visual feedback and guides

<http://fortawesome.github.com/Font-Awesome/>



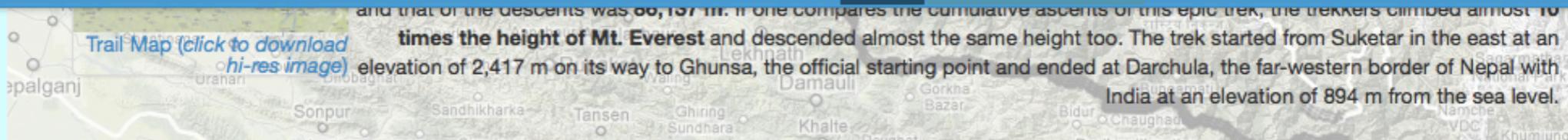
First Thumbnail label

Cras justo odio, dapibus ac facilisis in, egestas eget quam. Donec id elit non mi porta gravida at eget metus. Nullam id dolor id nibh ultricies vehicula ut id elit.

JAVASCRIPT PLUGINS

to add effects and functionality and spice UX

EXAMPLE SITES



Saurav Dhakal

Saurav Dhakal (32) is working journalist/storyteller since 10 years in different platform beginning from Vashuda environmental fortnightly, Kantipur Television, Nepal info-park to present Storycycle.com.

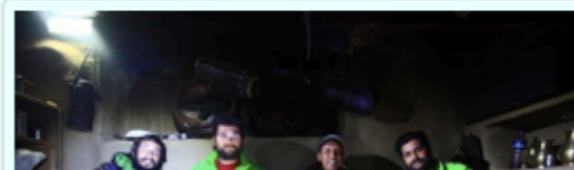
Recently he has been awarded **Youth Icon 2012** for walking the 1555 KM long Great Himalayan Trail (GHT) as an exemplary climate champion" He is the **British Council International Climate Champion 2010/11**

He had made some good documentary, Fish fish no fish (2009), " Hike With Mahabir " (2008) was highly appreciated.

Mr. Dhakal has been awarded as a " Best Environmental Reporting Award 2009", Youth award 2007 and selected on the Ashoka Forum for young social entrepreneur 2006 for his social media practice.



Hi-Res Images



STORYCYCLE GHT THEME

<http://ght.storycycle.com/pr.php>



Apndroid

Control your internet connection. Save battery life.
Pay less for data.

[View on Android Market](#)



Save battery life

Making it possible for your phone to stay on much longer

Pay less for data

Preventing unwanted data charges for limited data plans. We

ANDROID APP SITE

<http://codecarpet.com/apndroid>



Your listening station.



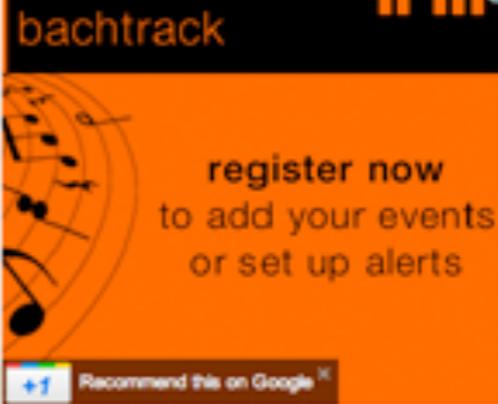
We'll Be Back

After a very successful debut season, Scribbo and the gang are taking a well-earned break but will be back in the summer. Sunday mornings won't be the same without them. For the past 8 weeks they've packed a lot into their two... [Read more](#)

1 2 3 4

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Available from the iTunes App Store

secklow SOUNDS
on facebook



1,948 people like this. Be the first of your
friends.



Tweet to @secklowsounds



— Secklow Sounds Programmes —



Showtime
Dianna Moylan



Good Morning MK
Dino Vescera



Nancy Stevens
Nancy Stevens



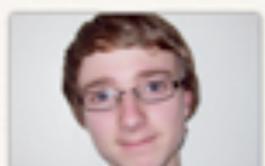
Oliver Dean
Oliver Dean



Sweet Inspiration
Mike Johnson



Secklow Sessions
Debbie Murray



The Big Show
Tom Edwards



Morning Blend
Mandy Edwards



Midday Blend
Paul Edwards



Evening Blend
David Edwards



COMMUNITY RADIO SITE

<http://secklowsounds.org/>

AERODYNAMIC

INCREASE LIFT. REDUCE DRAG.
THAT'S HOW WE BUILD BUSINESS WEBSITES.



WEBSITE AGENCY

<https://dotvita.com/>

Firefox File Edit View History Bookmarks Tools Window Help Fri May 18 11:45 AM Ankur Sharma Q

Multiple Choices

localhost/eeicgames/dragndrop/game.php?lang=np

samsung galaxy s3

Multiple Choices

localhost/eeicgames/dragndrop/game.php?lang=np

samsung galaxy s3

Multiple Choices

मतदानमा सहभागिता

प्रत्यक्ष लोकतन्त्र

निर्वाचन पर्यवेक्षण

बेष्ट मिनिष्टर मोडेल

स्वेच्छाचारी बच्चितीकरण

चुने र चुनिने अधिकारको प्रयोग

जनमत संग्रह

निर्वाचनको स्वतन्त्रताको चासो

संसदीय निर्वाचन प्रणाली

मौलिक अधिकारको उल्लंघन

जानकारी

अन्य प्रश्न

EEIC INTERACTIVE

TUTORIALS

- Bootstrap homepage

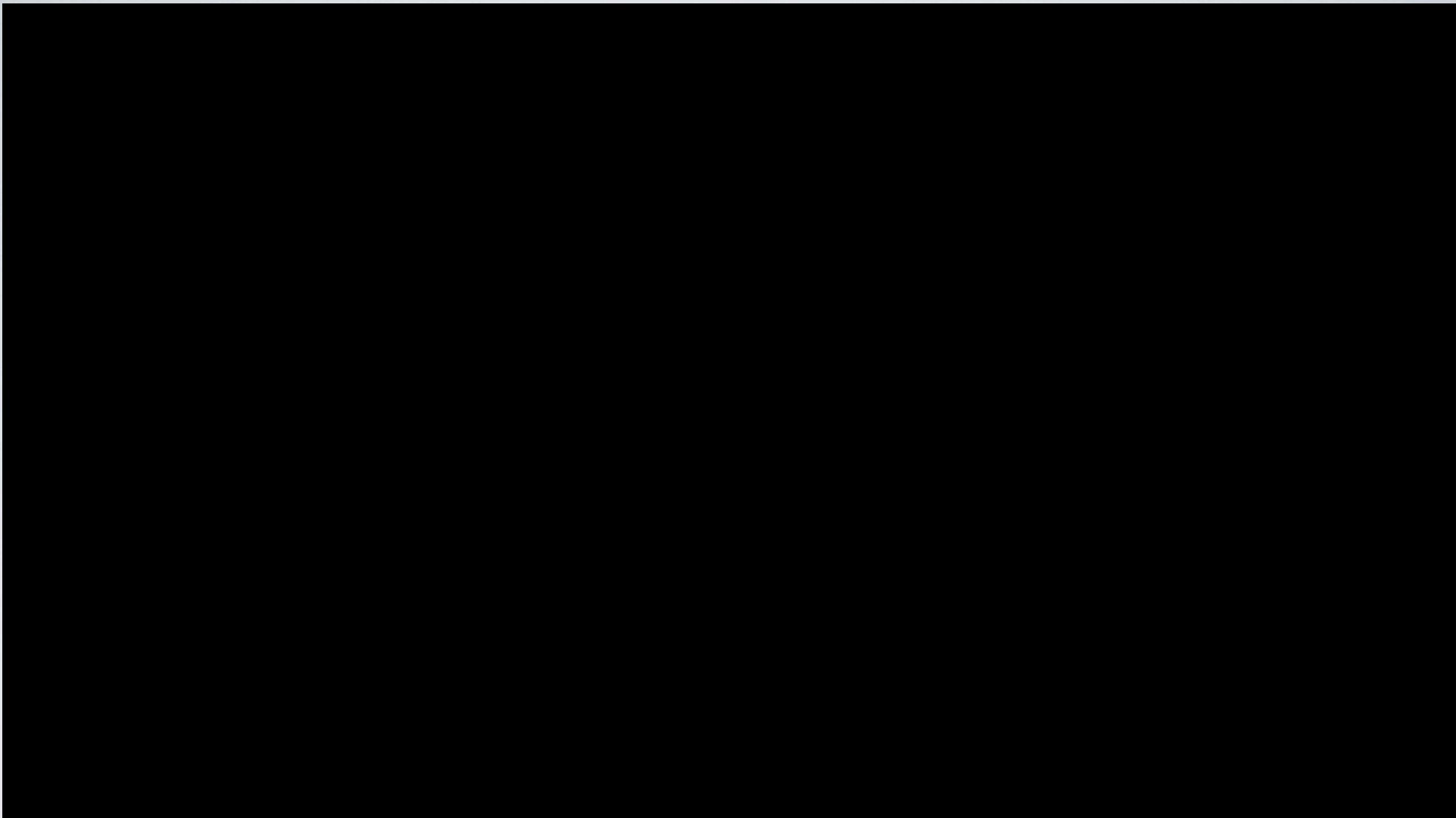
<http://twitter.github.com/bootstrap/index.html>

- Tutorial with videos

<http://webdesign.tutsplus.com/series/twitter-bootstrap-101/>

- Extensive tutorials from w3resource

<http://www.w3resource.com/twitter-bootstrap/tutorial.php>



WINDOWS 8
grid based UI for better UX!

MANY THANKS