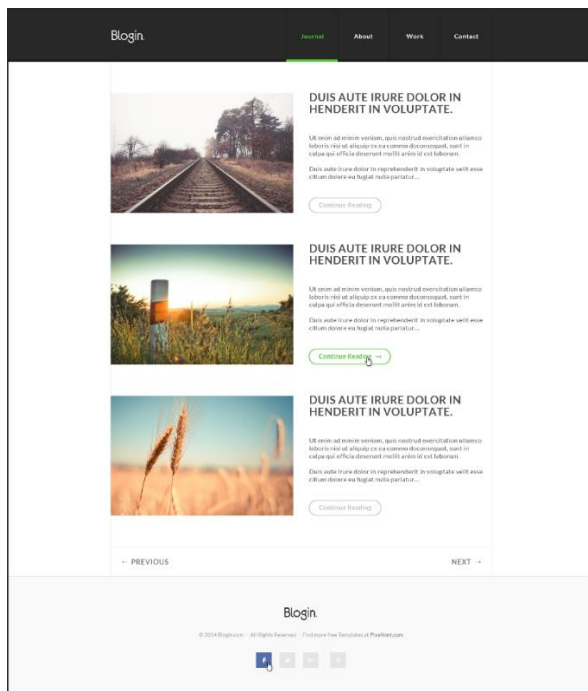# PSD To HTML

Main purpose: create a responsive, pixel perfect web page, with pure CSS

Lessons:

1. Use PSD as source for design
2. Pixel-perfect website creation
3. Responsive web
   a. Gallery Item using FlexBox
   b. Make narrow and keep image proportions
   c. Navbar at Desktop and Mobile
4. Usage of transitions/animations
5. Modal
6. Dropdown menu

Phase1: Create a Pixel-Perfect site

- Create the website (see image below) pixel-perfect (sizes, fonts, hovering effect, responsiveness, margins/paddings)
  o Main container width
  o Hover/click effects on: menu item, catalog button, NEXT and BACK arrows
  o Menu items before click, hover, after clicked
  o Use correct Fonts
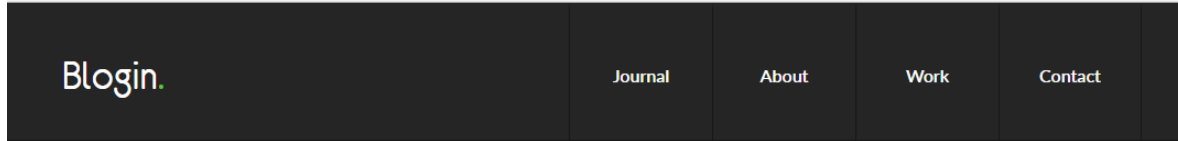 o Use colors for social links when hovered
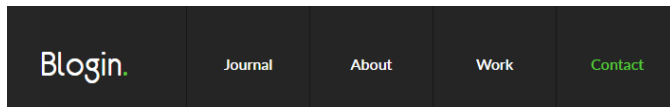
Phase2: responsive design

Define the behavior when the screen becomes narrow- using flexbox, max width, min width, %/ratio of the elements etc.
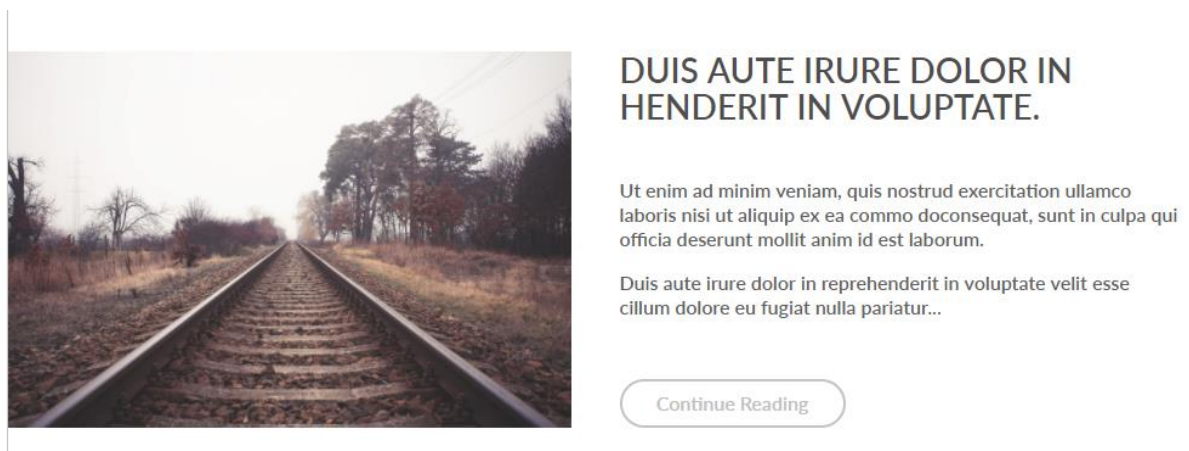
Examples:

NavBar at full width

NavBar at mid width (becomes close to logo and a bit narrower)

GalleryItem at full width

GalleryItem at mid width (text overlap, image, narrower)

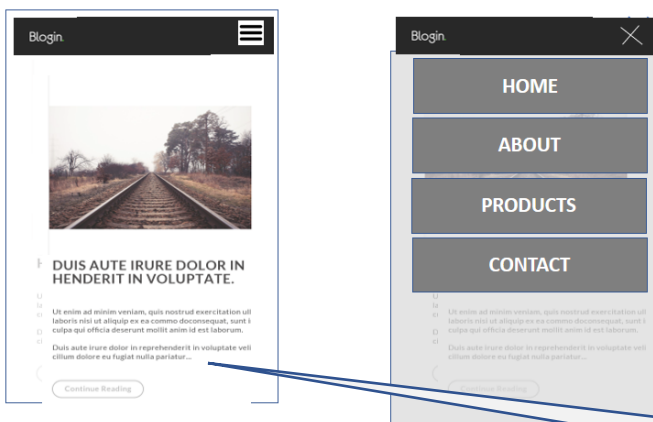**GalleryItem at mobile (740 for iphone7)**

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Also – center the text

Phase3: Responsive Design – NavBar becomes Hamburger at Mobile

Note: here please take the freedom to define the mobile design while keeping the nature of the Desktop design.

Create "Hamburger"<-> "X" button to open the menu on mobile

Test that both Desktop and mobile look good. Check the Mobile on both your Desktop Browser and Mobile Phone (Via Git Pages}
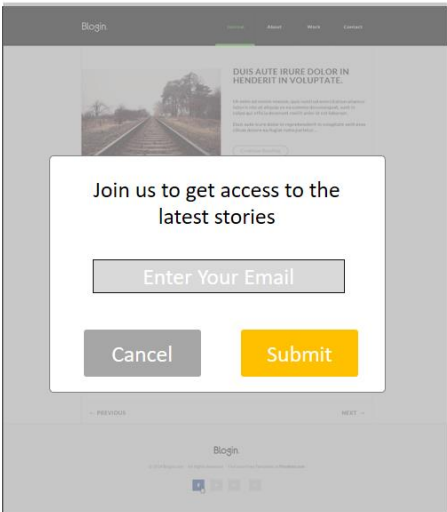

Also – center the text

Phase4: Modal

Clicking the "read more" button opens a modal with a promo text (static text):

- "Join us to get access to the latest stories!"
- a nice textbox for email (for now – this does nothing)
- submit and close buttons

The design at Desktop shall have a background with opacity. See example below.

The design at Mobile shall be full screen

Phase5: Bonus – dropdown menu

Add a dropdown menu to the "Journal" menu item: October 2016, January 2017, April 2017, July 2017

Behavior:

Desktop: appeared when hovered

Mobile: appeared when "Journal" clicked