



TRAINING DRAGON WEB DESIGN

TRAINER: EMILIANO

START A
PROJECT FROM
SCRATCH

STEPS

- have a plan
- from a sketch to a wireframe to a mockup
- preparing project folder structure
- identifying sections and subsections
- adding basic skeleton to index page
- connecting index to stylesheet
- splitting stylesheet into sections
- tools and placeholders
- add content, style content, repeat

HAVE A PLAN

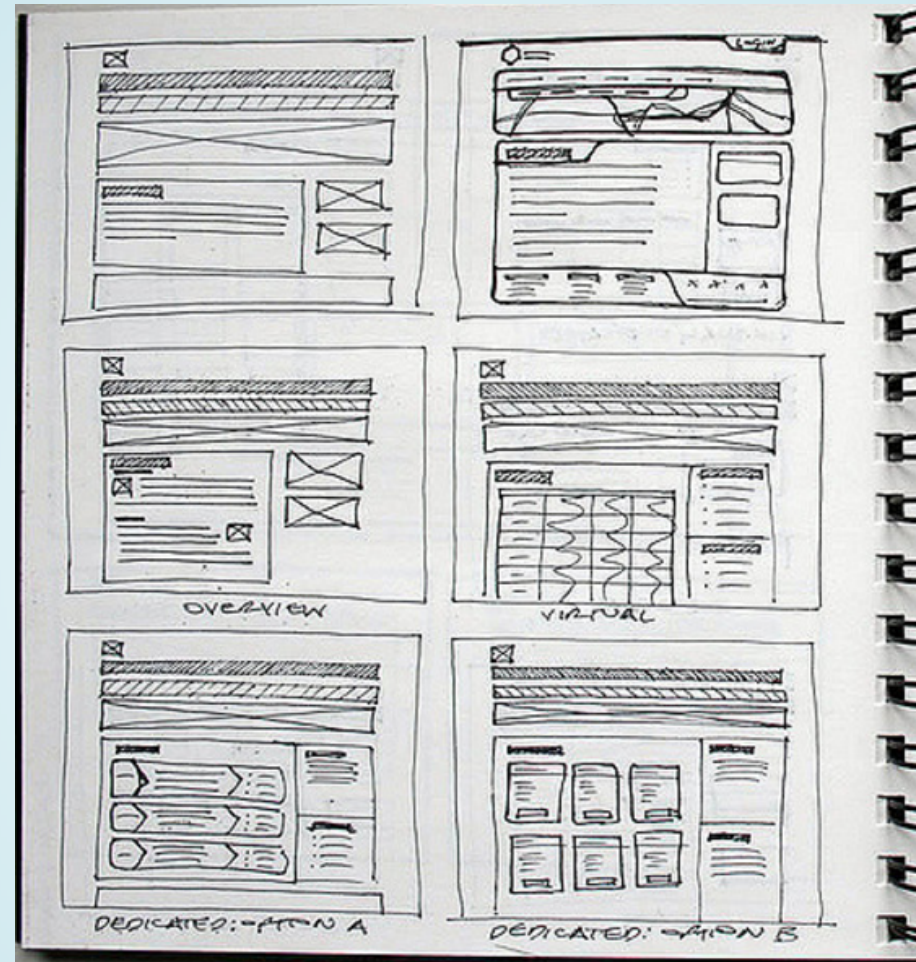
- know what you want to do
- provide content?
- provide services?
- blog?
- sell products?
- analyse your favourite websites

You want to start working only when you have a clear idea about what you want to achieve

FROM A SKETCH TO A WIREFRAME TO A MOCKUP

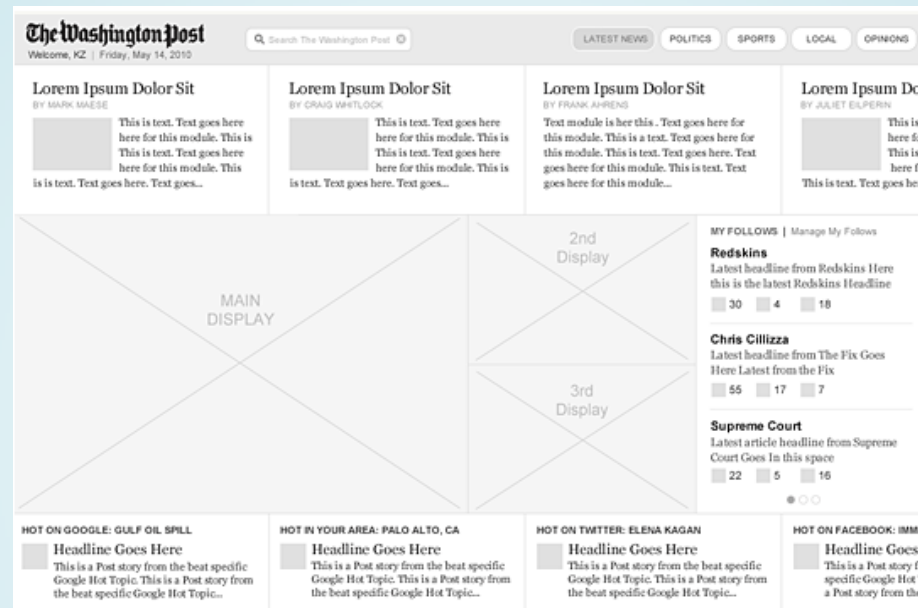
- draw a sketch with pen and paper
- use professional tools to create a wireframe
- use professional tools to create a mockup

YOU CAN START WITH PEN AND PAPER



interesting [article](#)

USE PROFESSIONAL TOOLS TO CREATE A WIREFRAME, I



Wirify is a quick tool to get a wireframe from an existing website

USE PROFESSIONAL TOOLS TO CREATE A WIREFRAME, II

- balsamiq
- omnigraffle
- gliffy
- pidoco
- iPlotz
- pencil
- axure
- mockflow

USE PROFESSIONAL TOOLS TO CREATE A MOCKUP, I



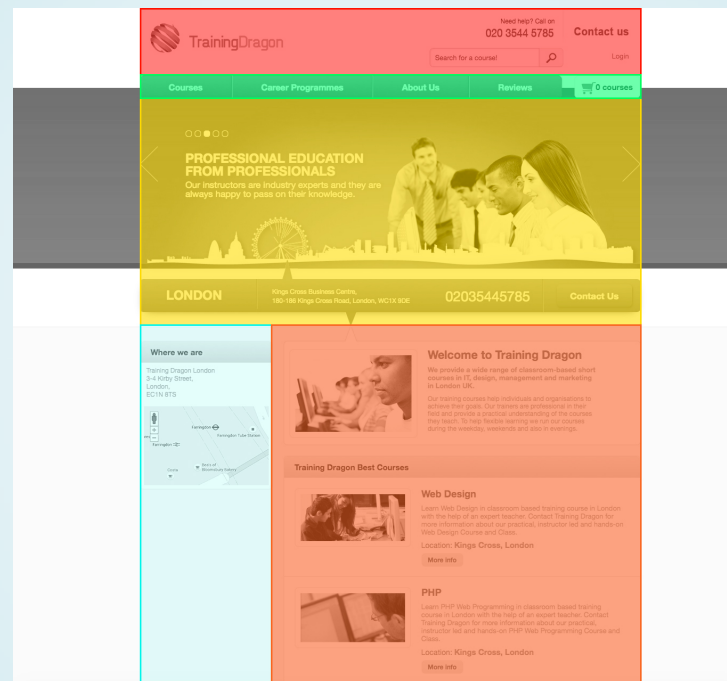
USE PROFESSIONAL TOOLS TO CREATE A MOCKUP, II

- Photoshop
- Sketch

PREPARING PROJECT FOLDER STRUCTURE

```
ROOT
|
+--CSS
|   +--all_your_stylesheets.css
|
+--IMGS
|   +--all_your_pics.png
|
+--JS
|   +--all_your_scripts.js
|
+--index.html
+--all_your_html_files.html
```

IDENTIFYING SECTIONS AND SUBSECTIONS, I



IDENTIFYING SECTIONS AND SUBSECTIONS, II

- use pen and paper to outline sections
- identify three main sections: header, main , footer
- identify subsections, grids, columns etc
- think of which tag could represent each element

ADDING A BASIC SKELETON TO INDEX PAGE

- start with div#wrapper, header, main, footer
- build a markup *skeleton*, the scaffolding of the webpage

```
<body>
  <div id="wrapper">
    <header></header>
    <main></main>
    <footer></footer>
  </div><--/wrapper-->
</body>
<-- Write a quick comment at the end of each div -->
```

CONNECTING INDEX TO STYLESHEET

- connect css to html
- always use **external** stylesheets
- prefer **<link>** over **@import**
- **<link>** tags always go in the **<head>** of the document
- **type** attribute is not mandatory anymore

```
<head>  
  <link rel="stylesheet" type="text/css" href="css/style.css" media="screen">  
</head>
```

SPLITTING STYLESHEET INTO SECTIONS

- add your CSS reset / Normalize at the top
- use clear comments to divide your different sections

```
/* -----  
  Css Reset / Normalize  
  ----- */  
...  
/* -----  
  Base style  
  ----- */  
...
```

please refer to **css_categories_sections.css** file attached

CSS RESET VS NORMALIZE

they are simple tools to facilitate achieving cross-browser results

CSS RESET

- resets user agent styles (default browser look and feel)
- strips off any default css to an un-styled starting point

NORMALIZE

- does not remove styles
- adds styles to have a common baseline
- makes browsers render all elements more consistently and in line with modern standards

- Normalize.css
- Eric Meyer's css reset
- HTML5 Doctor's css reset

TOOLS AND PLACEHOLDERS

use these tools to quickly add content / images while
creating your website

PLACEHOLDERS FOR TEXT

- lorem ipsum
- meet the ipsums

PLACEHOLDERS FOR IMAGES

- unsplash.it
- placeholder.it
- placeimg.com

ADD CONTENT, STYLE CONTENT, REPEAT

- add small pieces of content and style them
- in css: from more generic styles to more specific ones