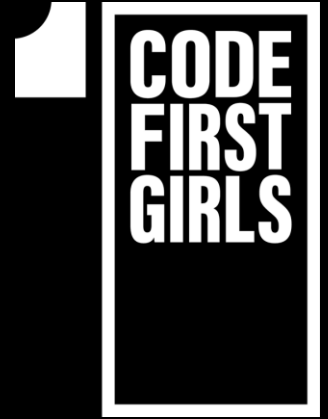


WELCOME TO CFG

YOUR INTRODUCTION TO WEB DEVELOPMENT



TECH SHOULDN'T JUST BE A BOYS CLUB.

COURSE JOURNEY

MODULE 3: RECAP & PROJECT DESIGN

HTML

MODULE 01

CSS

MODULE 02

Recap
Project design



MODULE 03

Javascript
+ Overview, data types
+ Loops, Functions,
scope
+ Objects and the DOM

MODULE 04

Github pages
Frameworks

MODULE 05

Project
presentations
Careers in web
development

MODULE 06

HTML & CSS revision and practice

Making a website responsive on various devices

Project work

NOW LET'S PRACTICE TOGETHER

10 MINS

Exercise 3.1

*Create a basic image gallery with a caption

10 MINS

Exercise 3.2

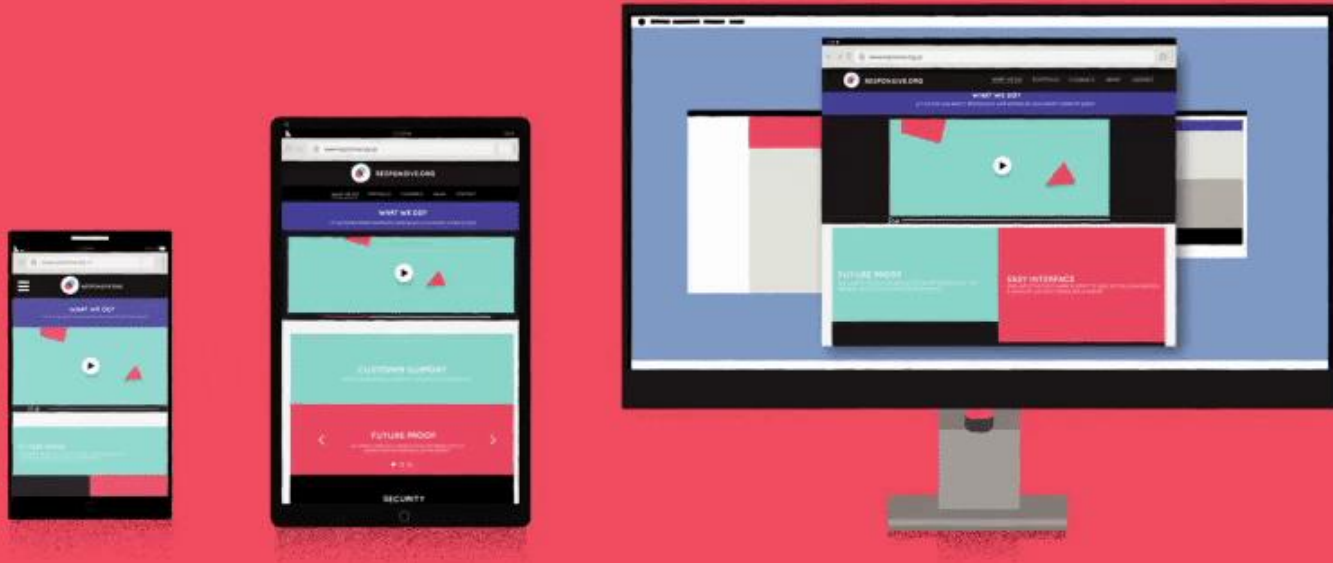
*Build a fake 'Google' homepage

(It doesn't need to work as a search engine, just needs to look like the homepage)

GROUP EXERCISE



MAKING WEBSITES RESPONSIVE



MAKING WEBSITES RESPONSIVE

LAYOUT	MEDIAS	TYPOGRAPHY
Designing with flexboxes and media queries	Changing the media entirely for different devices or adjusting an images width/height based on device	Font size rem/em

STEP 1

In your 'index.html' file, set the viewport

```
<html>
  <head>
    <meta name="viewport"
    content="width=device-width, initial-scale=1.0">
  </head>
  <body>
    <h1> TEST </h1>
  </body>
</html>
```

STEP 2

Using media queries, determine how color/text/positioning will change based on the width of the device

```
/* PHONE VERSION */
@media only screen and
(min-width: 320px) {
  h1{color:blue;}
}
/* TABLET VERSION */
@media only screen and
(min-width: 768px) {
  h1:{color:green;}
}
/* DESKTOP VERSION */
@media only screen and
(min-width: 980px) {
  h1 {color:yellow;}
}
```

FINALLY

Hit
Ctrl + Shift + M
to see how your website changes (when Inspecting the page)

COURSE PROJECT

LET'S MAKE A START!



COURSE PROJECTS CRITERIA

MODULE 3: RECAP & PROJECT DESIGN



'Must have'

- A minimum of 2 HTML web pages and one external CSS file
- Consistent navbar on all pages
- Styled well
- All links working
- Basic user interaction (Ex: hover, submit form, Action on click)

'Nice to have'

- All of the 'Must Have criteria' +
- Mobile responsive website
- Effective use of classes and IDs
- JavaScript used to enable user interaction

PROJECT TEAMS

GET A TEAM

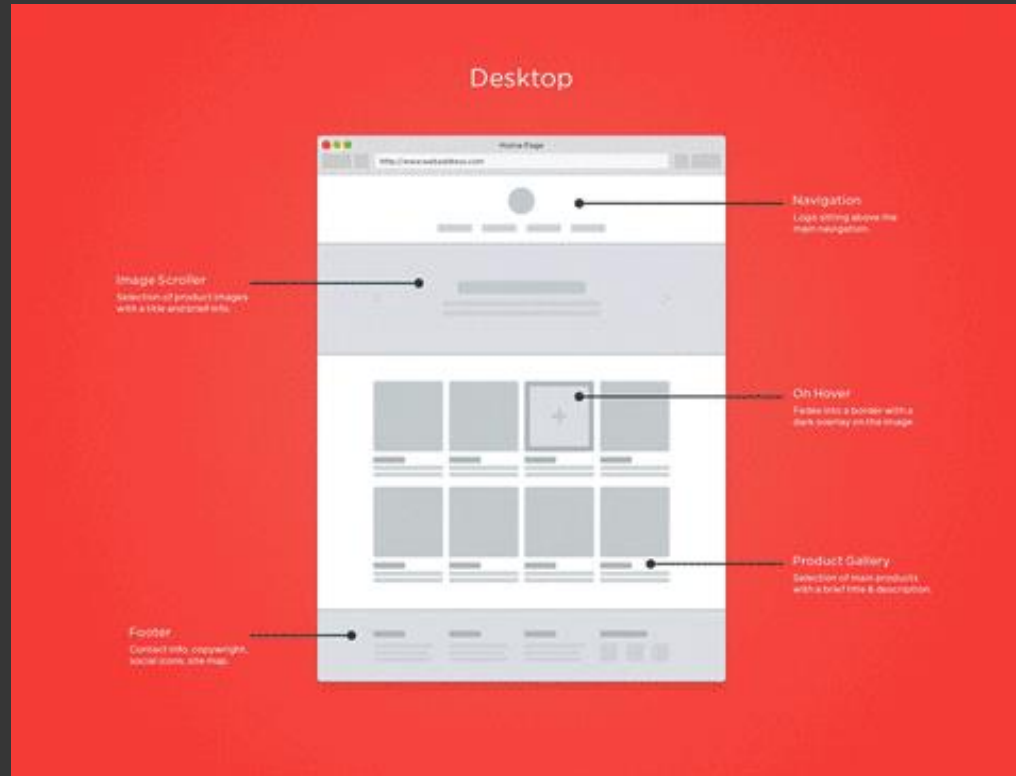


LET'S LOOK AT EXAMPLES



WEBSITE WIREFRAME

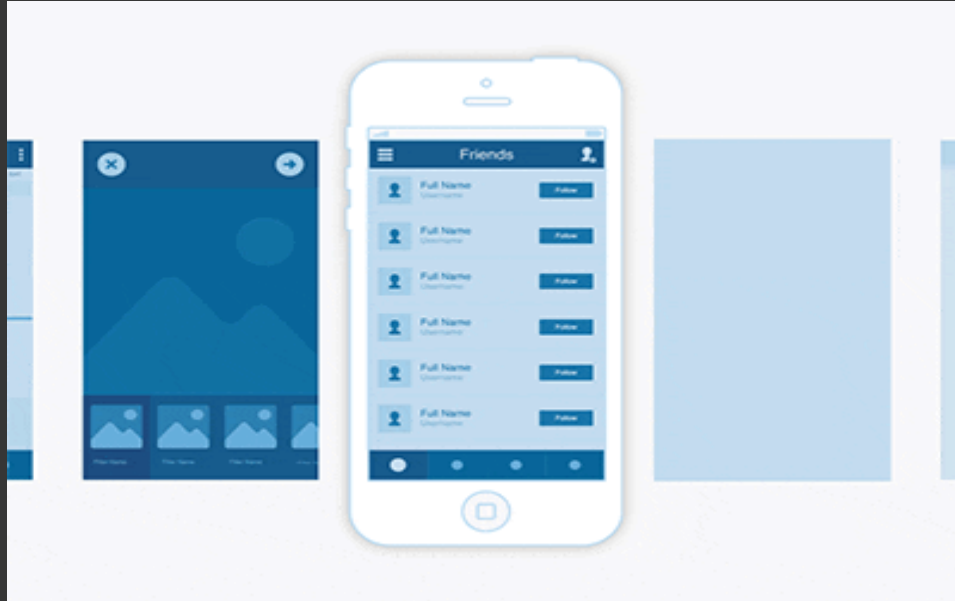
MODULE 3: RECAP & PROJECT DESIGN



WEBSITE WIREFRAME SOURCES

MODULE 3: RECAP & PROJECT DESIGN

Moqups
Balsamiq
Draw.io



WHERE DO WE START?

1. **Team connects on Hangouts or Slack**
2. **Create a private channel on Slack to exchange messages, ideas, code**
3. **Have a discussion on what idea you would like to implement – the hardest bit!**
4. **Draft a wireframe for your website.**

GROUP EXERCISE

HOMEWORK



Homework Task:

- + Create a basic wireframe for your index.html page (Team submission)
- + Share with your instructors before next session

THANK YOU
HAVE A GREAT
WEEK!

