# **CSS Framework Report**

# **Bootstrap:**

Pro's	Con's
Has the most amount of learning resources.	Since it's so popular, using bootstrap will create a familiar look.
Plenty of free themes.	Bootstrap CSS will often conflict with Custom CSS files.
Easy to understand 12 point grid system.	
Lightweight	
Mobile responsive	
Browser independent - very free cross broswer bugs.	

### Materialize

Pro's	Con's
Very customizable (doesn't require as much style overriding as Bootstrap)	Few online learning resources
Easy to understand 12 point grid system.	Few themes
	Restrictive on how UX elements behave (physics, light, space)

## Pure.CSS

Pro's	Con's
Customizable	Difficult to learn for beginners.
Lightweight	

Suggested framework: Bootstrap

#### **Works Cited**

https://www.slant.co/versus/504/10830/~bootstrap\_vs\_pure-css-from-yahoo

https://en.wikipedia.org/wiki/Bootstrap\_(front-end\_framework)

https://www.ionos.com/digitalguide/websites/web-development/bootstrap-alternatives/

https://www.uplers.com/blog/what-are-the-pros-cons-of-foundation-and-bootstrap/

https://skat.tf/pros-cons-bootstrap-web-development/

https://bootstrapcreative.com/pros-cons-using-bootstrap-web-development/

https://www.quora.com/What-are-the-pros-and-cons-of-using-Bootstrap-in-web-development

https://lepistinacodecafe.com/2017/03/08/cons-and-pros-of-using-bootstrap-basscss-and-

materialize-css-libraries/

https://www.payoda.com/blog/is-materialize-better-than-bootstrap-or-semantic-ui/

https://www.slant.co/options/521/~materialize-review

https://www.slant.co/versus/504/521/~bootstrap\_vs\_materialize

https://www.webguru-india.com/blog/the-benefits-of-a-materialize-responsive-framework/

https://hackr.io/blog/top-bootstrap-alternatives

https://www.reddit.com/r/Angular2/comments/7jnnau/

pros and cons of angular material vs materialize/

https://ux.stackexchange.com/questions/78450/comparison-between-bootstrap-and-material-

design-frameworks