



Live session on responsive web design

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Things you should know

- **Basics of HTML and Css**
- Basics of responsive web design
- Relative sizing and mobile first approach
- Media queries and flexboxes.
- Bootstrap grid
- **Some tips and trick on web design**

What we will cover today

- 1) **Steps to approach a full blown web project**
- 2) Some do's and dont's
- 3) Start your portfolio project

Steps to approach a full blown project

- 1) **Gather client requirements**
- 2) **Put information in form of a wireframe**
- 3) **Get the wireframe approved**
- 4) **Create the basic HTML layout**
- 5) **Choose a theme for the website(take client requirement and design principles into consideration)**
- 6) **Create your css file for the theme. Style the elements created in the basic html layout**

Steps to approach a full blown project

- 7) Layout responsiveness - start from the smallest screen possible. Use relative sizing for ease.**
- 8) Make content responsive - fonts responsive**
- 9) Make Images responsive**
- 10) Make other media content - videos etc responsive**
- 11) Test the website in multiple devices and screen sizes and then take feedback from users/client.**

Some Do's

- At every step in checklist, make sure you are not losing the changes made in previous steps . You have to rest at every stage for bugs.
- Console is your friend. Always check the console. It should be clear unless you are testing things.
- Use a lot of comments in code and write neat, readable code.

Some Don'ts

- Keep the design and functionality simple. Don't use fancy libraries just because they look awesome. If most users don't know that, it's going to result into bad user experience.
- Don't overdo things on your code side specially the css. Always keep the code as simple and readable as possible
- Don't try to solve a problem that does not exist.

Assignment for home

- Create all the responsive design patterns.
- Create the assignment given in the recorded video.
- Work on your portfolio.