



Design Advance - Introduction

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We will cover with the following concepts

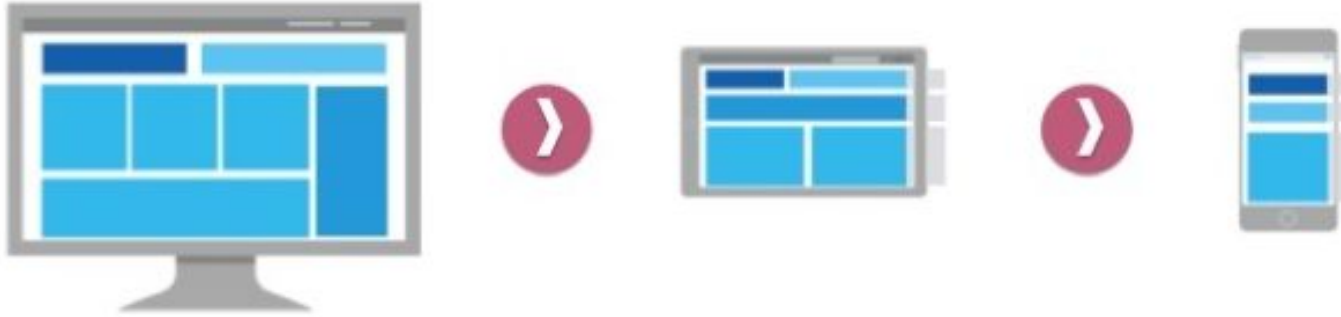
- 1) How frontend design and development is carried out in Industry?
- 2) Concept of Graceful degradation
- 3) Concept of Progressive enhancement
- 4) First look at our wireframe.

How Frontend Design is carried out in Industry

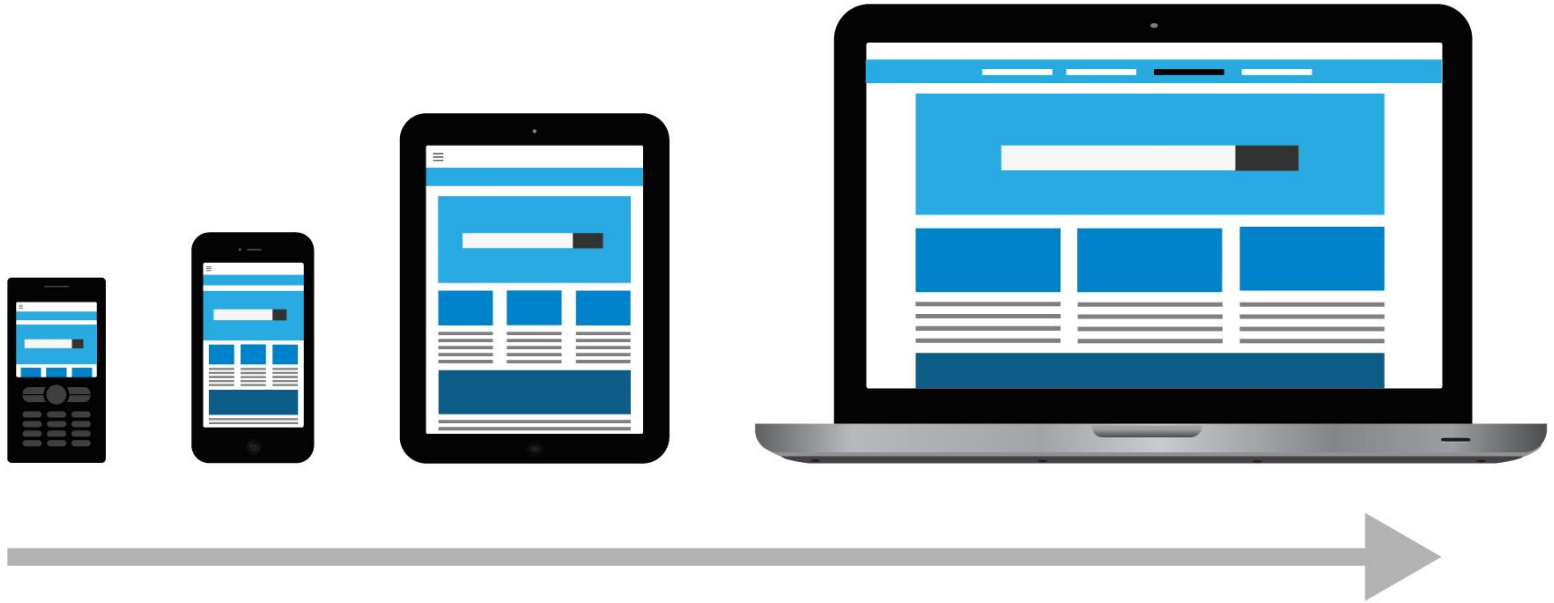
- Product team work along with other departments to create the design of the page which is called wireframe.
 - **Simple wireframes** - They are just layouts pointing positioning of various elements along with the color codes etc.
 - **Advance Wireframes**- It mostly covers all the color codes, look and feel of various pages on different screen sizes and all the images and icons.
- Engineering/ Development teams convert these wireframes into websites taking care of responsiveness and other important things.
- There are two approaches for development - Graceful Degradation and Progressive enhancements.

Graceful Degradation - usual responsive design approach

Graceful Degradation



Progressive enhancement or mobile first approach



Mobile First Approach has become popular with time

- Progressive enhancement in general development terms is also called Mobile First Approach.
- The logic is simple -
 - Decide the most important elements of the page and put a minimalistic design to support that for the smaller screen
 - Add elements as the screen size grows.

We will follow Graceful degradation for our development

- Let's have a look at our wireframe
- We will use a design framework - Bootstrap to create this into a website.

Next Steps -

- 1) Bootstrap