

Day 12 : 5 Nov 2024 CB FSD - Planning and UI Design

## CSS : cascading style sheet :

**Box Model** : By default every html tags internally follow box model. Using box model we can describe how elements or tag contents on a web page are structured. Using box model we can define their dimensions (width and height).

### Display property :

Using display property in CSS we control the layout behaviour of an elements or tags. It determines how the elements is displayed on the page and how it interact with other elements.

flex and grid layout with display

CSS3 **transform** and **transition** property. Using these property we can create dynamic and interactive effects for an elements or tag contents.

**Transform property** this property allow to apply various transformation effect to an element such as rotating, scaling, translating and skewing etc.

**Transition property** : CSS3 transition property allow us to change property value smoothly (from one value to another), over a give time period.

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1. The CSS property you want to add an effect to particular tags.
2. The duration of the effect.

## Transition functions with delay

### CSS3 animation :

An animation is use to change gradually from one style (with, height, color, background color) to another style.

To use CSS3 animation you first specify some keyframe for that animation.

Key frame hold what type of style will have at certain period of a time.

To write key framework we need to use `@keyframe` attribute