# Making an Awwwards.com Site

Terone, Pae and Mike

Growth Session #30 - August 21 2020

# What is ThreeJS ?

# What is ThreeJS ?

Three.js is a lightweight cross-browser JavaScript library used to create and display animated 3D content on a Web browser.

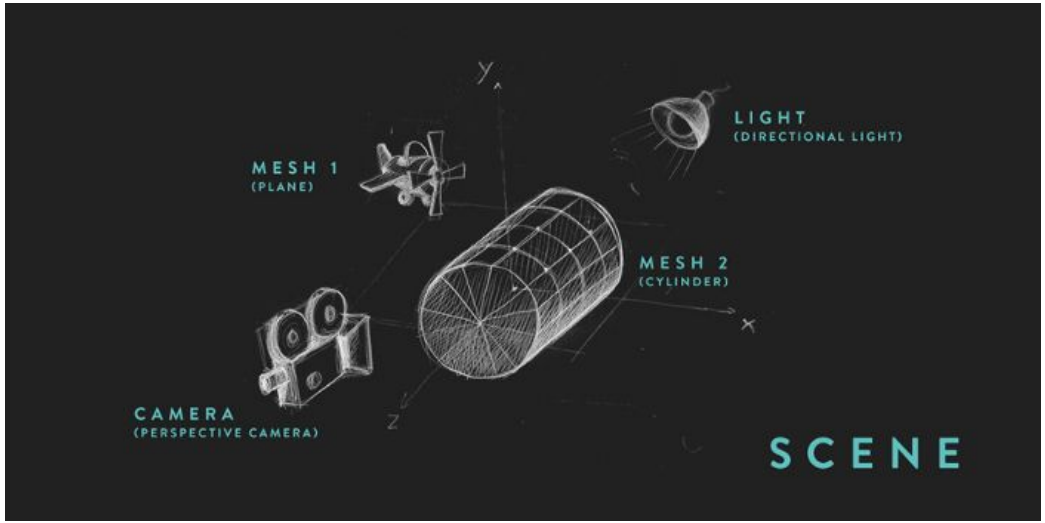
Three.js scripts may be used in conjunction with the HTML5 canvas element, SVG or WebGL.

# Camera, Scene, Lighting and Action!

Camera: represent the point of view

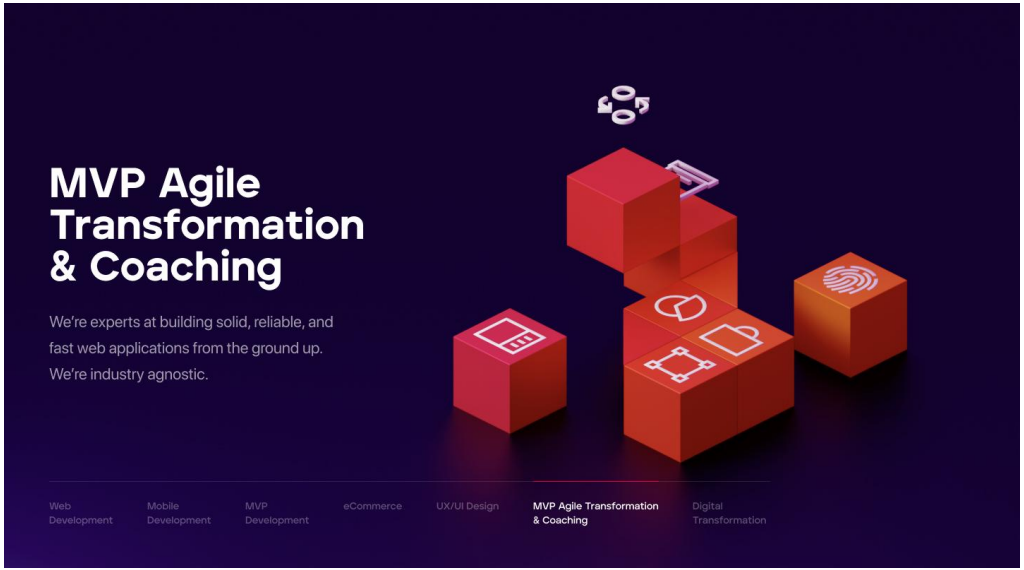
Scene: allow us to setup what and where to render

Lighting: control the direction of light and shadow



# Scrollytelling, a form of storytelling

Also called **Narrative Visualisation**, it consists of creating a logical sequence of related (data-driven) visualisations, or visual elements, needed to convey a message to an audience in an engaging and effective way.



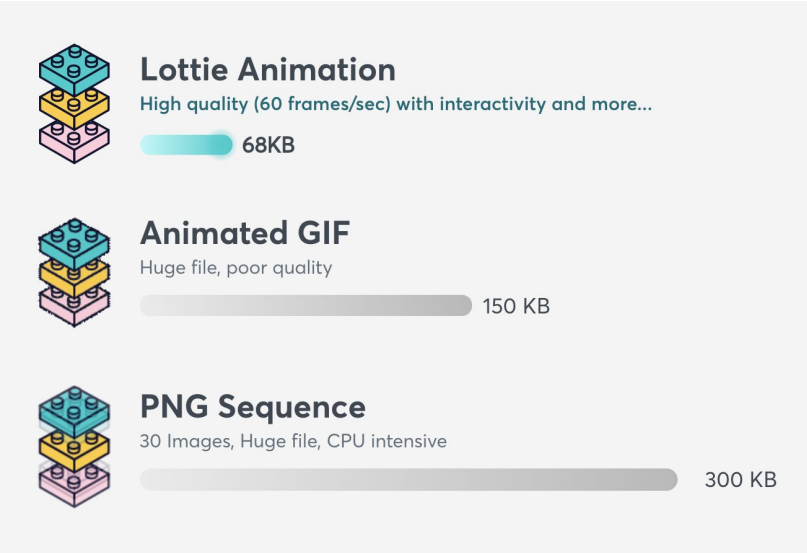

Nimble services section.

# Tools

**Blender**: Creating the 3d scene

**After Effects**: Composing the scene sequence and export it as a lottie file.

**Lottie**: Lottie is an open-sourced animation file format like no other. It is smaller with higher quality and allows for you to create animations that can be interacted with. So versatile, you can easily implement it on almost all platforms out there!



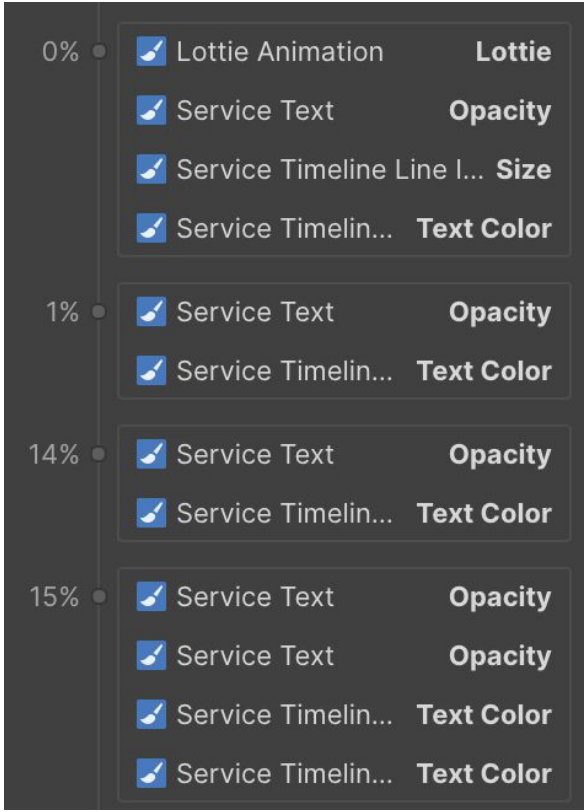
# Interaction

**While Scrolling In View** - Define actions that occur when elements scrolls to viewport.

The Actions:
1. Lottie Animation: Play from 0% to 100%

2. Sections will be mapped to a certain % on the animation timeline.

3. Do other interaction ex. Text opacity, X and Position.



# The Grand Demo

# What makes a website “awwwards.com” worthy?

- It catches the eye with Three.JS
- It keeps the user with good website design
- It enhances the message of the page
- It uses many elements, not just Three.JS
- Examples:
    1. Smooth Scroll
    2. Blur animations
    3. Parallax on mouse movement
    4. Minimal design
    5. Good design practices

# Three.JS is not a silver bullet

# Thanks!


## Contact Nimble

nimblehq.co

hello@nimblehq.co

## Bangkok

399 Interchange 21 Sukhumvit Road, Unit #2402-03, Klong Toei, Wattana, Bangkok 10110, Thailand

## Singapore

28C Stanley St, Singapore 068737

## Hong Kong

20th Floor, Central Tower

28 Queen's Road, Central, Hong Kong


nimble