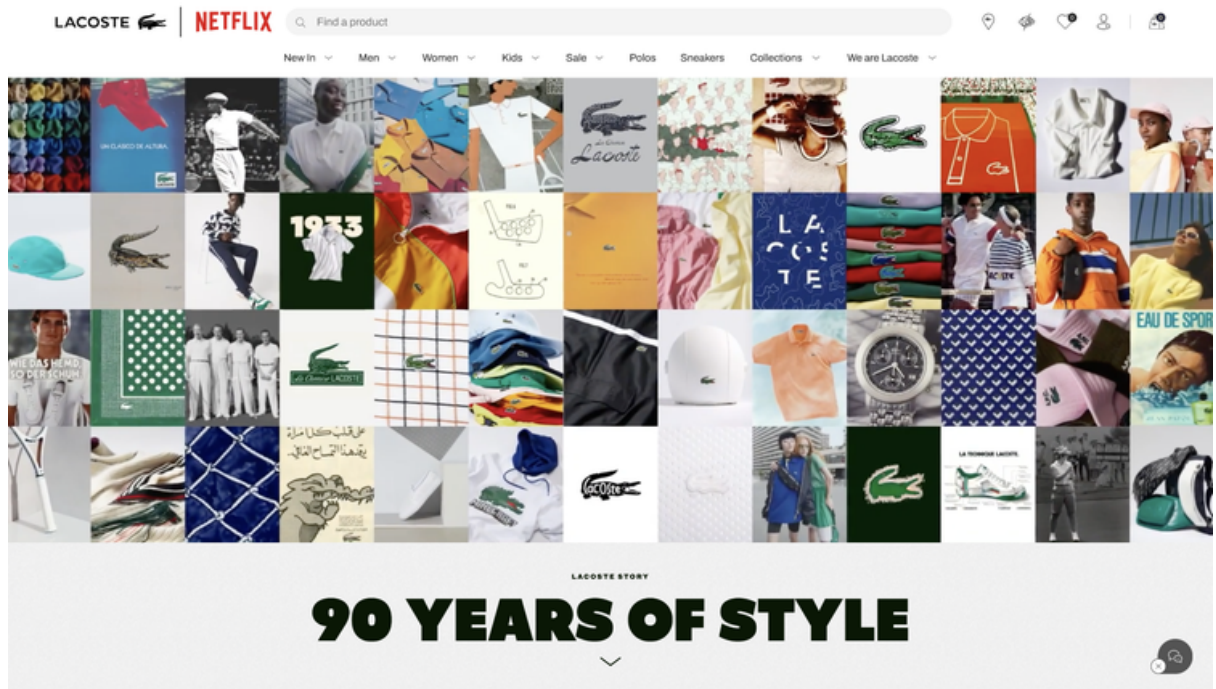# MERN

ASSIGNMENT:02

What is Wire-Frame ?

- **Wireframes** are the blueprints of your web page. They are low-fidelity representations of the content, structure, and information hierarchy. Wireframing tools allow you to make revisions early in the design process before graphic design elements are added.

#What is Mark-up?

Mock-ups are mid to high-fidelity visual representations of your website. They combine the structure of the wireframe with graphics, typography, UI design elements, and branding. Because mock-ups provide a near-final representation of how the site will look, this is a good stage to get stakeholder buy-in, without accumulating technical debt

1. **LACOSTE.**

[Lacoste Heritage](#) received Site of the Day (SOTD) recognition from Awards in April 2023. Take one look at the site, and you'll see why it caught the eye of the Awards experts.

From the moment the site loads, Lacoste Heritage overwhelms the visitor in a pleasing way with big, bold, and engaging imagery. The platform shows off some of the clothing brand's most popular offerings and provides a seamless browsing experience.

Awards rated Lacoste Heritage high for usability and overall design. As users scroll down the page, they come across on-brand imagery, intriguing links like "The Man of Many Talents," and concise snippets of text designed to keep them engaged. The site doesn't just route users to product pages, either. It also directs them to "About Us" content and other materials specifically curated to strengthen purchasing intent.
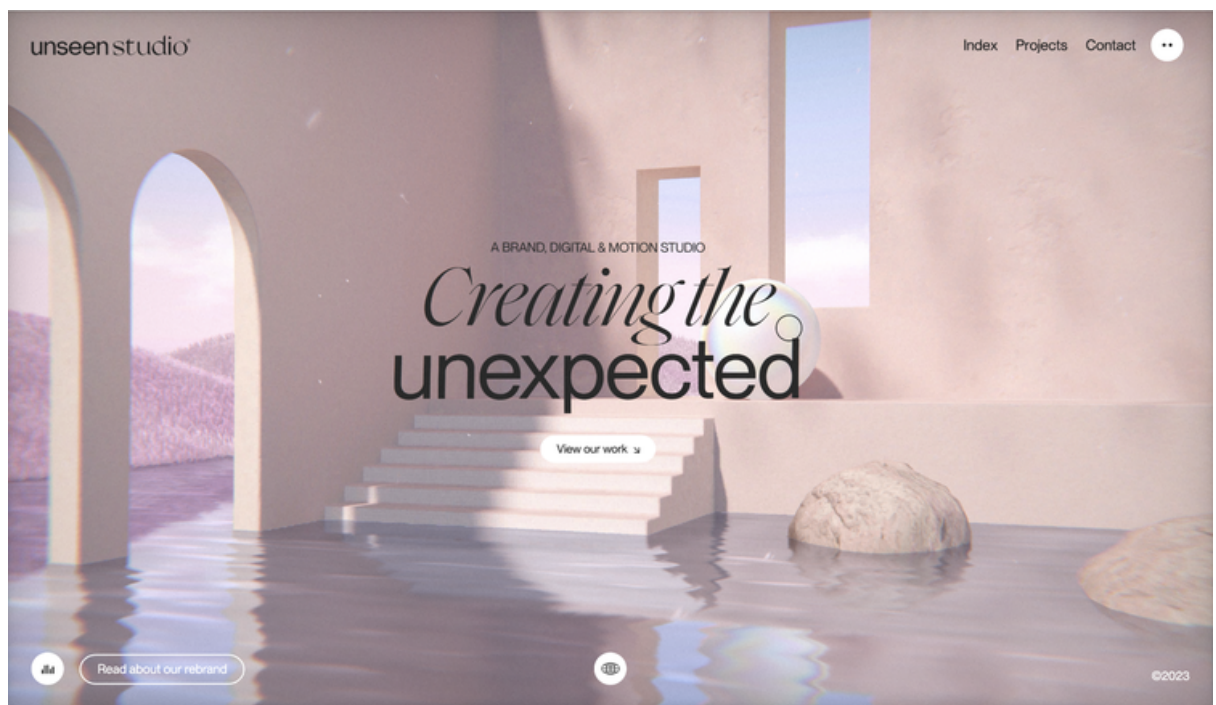
2.RCA Records

As the second-oldest record label in the world, [RCA Records](#) has a long and storied history of being a trendsetter. But it has outdone itself with its latest website overhaul — and Awards agreed, which is why it awarded the new site SOTD honours in April 2023.

RCA took some major risks with this website, but the acclaimed label pulled it off. The site is ambitious, interactive, and dynamic. It features a fast-moving image gallery at the top of the home page, highlighting today's most popular artists and the icons of yesteryear.

Throughout the page, visitors can find links to music videos, articles, and plenty of other content to keep them engaged. Notably, RCA Records included a clever 404-page beat sampler feature that reads, "This page doesn't exist. Make a beat instead."

3. Unseen Studio

[Unseen Studio](#) **boasts one of the best website designs of 2023. Awards recognized the visionary digital and motion studio's site by giving it February 2023 Site of the Month (SOTM) honour's. While there's plenty of time for other brands to launch new sites this year, Unseen Studio has set the bar high.**

When designing the site, Unseen Studio opted for a mix of soft colours and bold text to draw visitors' attention to core site elements. As users move their cursors around the home page, the screen view shifts slightly. When the cursor passes over the menu text, the lettering changes colours and shimmers.

These complementary features capture users' attention immediately and provide an interactive, one-of-a-kind browsing experience.

3.Sprite — "Hall of Zero Limits"

Sprite kicked off 2023 with a conspicuous bang by launching its "**[Hall of Zero Limits](#)**." The page earned Sprite Awards' first 2023 SOTM honour by giving visitors the opportunity to meet some of the minds behind the popular film Black Panther: Wakanda Forever.

The Hall of Zero Limits is an immersive, interactive page that's jam-packed with dynamic content. Once the page loads, users are prompted to enter the hall. At the centre of the great hall is a tree flanked by digital billboards featuring members of the Wakanda Forever cast and crew.

These types of over-the-top visuals and on-brand colour schemes are among the attributes that make the "Hall of Zero Limits" one of this year's best website designs.

5. Curious & Company

Rounding out the list of 2023 honourees is [Curious & Company](#), which also was recognized by Awards as a Site of the Day.
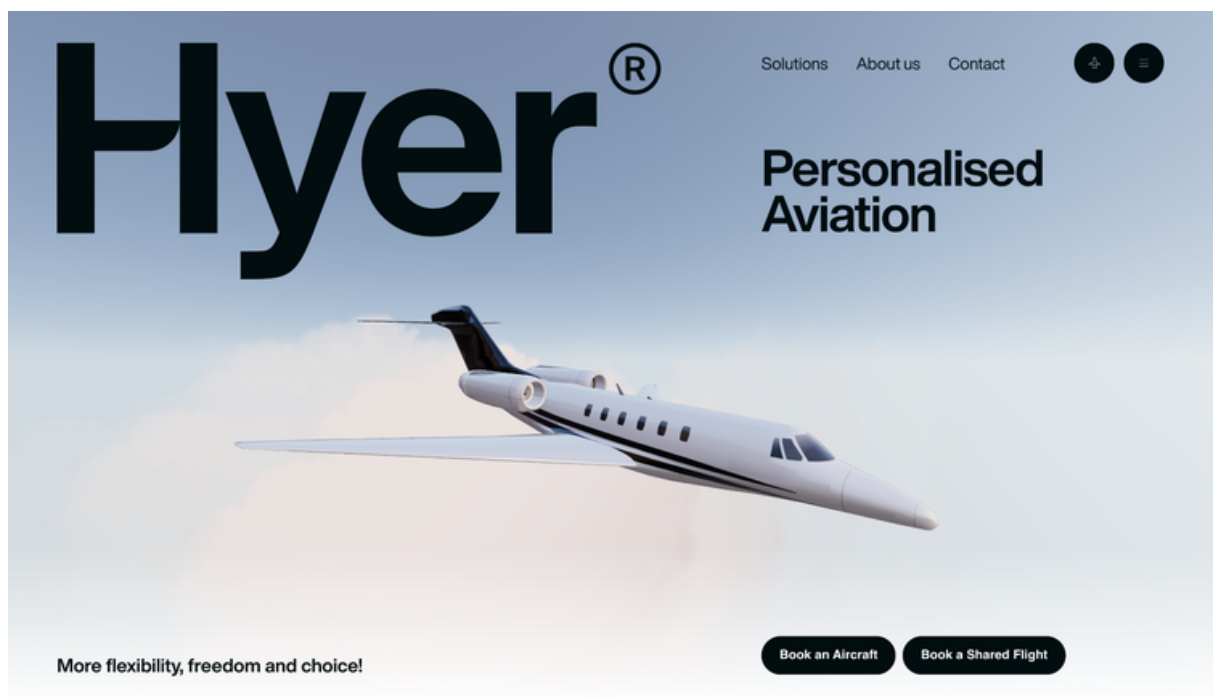
The opening frame of this website is an ode to the ever-popular mystery genre. As users move their cursors around the screen, a small segment of the background imagery becomes illuminated. This design element prompts users to explore the entire page and take in every perfectly crafted detail.

Those curious enough to navigate past the main page are greeted by an all-seeing eye, which manoeuvres about the screen in an elliptical pattern. Below the eye is the site's menu, which features Service, About, and Contact tabs. The site does a great job of drawing users' attention to the right elements while keeping them engaged and preventing their minds from wandering.

Award-winning website designs from 2022

Now that we've seen some standout 2023 web designs, let's take a look back at award-winners from last year. Here are a few of the best examples:

6. Hyer

If striking imagery is what you're after, <u>Hyer</u> can serve as an excellent source of inspiration.

The platform provides tailored aviation solutions, connecting passengers with shared flight and personalized aircraft booking options. Hyer has pared its transparent, no-frills service model with a crisp, clean website that appeals to prospective customers at all stages of the purchasing process. It also was named Website of the Month by the CSS Design Awards.

Like all the best website designs, Hyer greets users with captivating visuals — a sleek private jet slowly transitions from left to right across the user's screen while they take in the site. The home page also makes good use of negative (i.e., white or blank) space to avoid overwhelming users.

Hyer's site has a catchy tagline, an easy-to-use navigation bar, and a no-nonsense call to action (CTA). In this way, it's the perfect example of the power of simplicity.

Difference between scripting & programming language ?

Parameters	Scripting Language	Programming Language
Language Type	The scripting languages are interpreter-based languages.	The programming languages are compiler-based languages.
Use	The scripting languages help in combining the existing components of an application.	The programming languages help in developing anything from scratch.
Running of Language	A user needs to run scripting languages inside an existing program. Thus, it's program-dependent.	Programming languages are program-independent.
Conversion	Scripting languages convert high-level instructions into machine language.	Programming languages help in converting the full program into the machine language (at once).
Compilation	You don't need to compile these languages.	These languages first need a compilation.
Design	These make the coding process simple and fast.	These provide full usage of the languages.
File Type	Scripting languages don't create any file types.	Programming languages create .exe files.
Complexity	These are very easy to use and easy to write.	These are pretty complex in terms of writing and usage.
Type of Coding	Scripting languages help write a small piece of an entire code.	Programming languages help write the full code concerning a program.
Developing Time	These take less time because they involve lesser code.	These take more time because a programmer must write the entire code.
Interpretation	We usually interpret a scripting language in another program.	The compile results of a programming language are stand-alone. No other program needs to interpret it.
Requirement of Host	Scripting languages require hosts for execution.	Programming languages are self-executable. They don't require any host.
Length of Codes	These involve very few and short coding lines.	These require numerous lines of coding for a single function.
Support	These provide limited support to data types, user interface design, and graphic design.	These provide rich support for graphic design, data types, and user interface design.
Maintenance	These involve very low maintenance.	These involve high maintenance.
Cost	It is easier and cheaper to maintain a scripting language.	Maintaining a programming language is comparatively more expensive.
Example	VB Script, Perl, Ruby, PHP, JavaScript, etc.	C, C++, COBOL, Basic, VB, C#, Pascal, Java, etc.

What is ECMA and its version?

Ans: **ECMA (European Computer Manufacturers Association)**
ECMAScript is the standardized scripting language specification that serves as the foundation for JavaScript and other similar scripting languages.
ECMAScript 5 (ES5) is a significant version of the ECMAScript programming language, which serves as the standardized specification for JavaScript,released in 2009.