**Week 9**

**Introduction**

Hello, I'm Akriti Kumari Dev, a first semester L4CG5 student at Herald College Kathmandu studying BSc (Hons) Computer Science. The college is located in Naxal, Bhagwati Marg. Today I am going to talk about “Mobile first” is a popular methodology in the world of web design. What is it, and what are its main benefits and potential drawbacks.

**Body**

The phrase "mobile first" refers to the idea that we should build products first for mobile devices, which have greater limitations, and then add features to make tablet and desktop versions of those products. It is important to first comprehend the two terms below in order to better appreciate the idea of mobile-first design.

1. Responsive Web Design (RWD)

A web design technique called responsive web design enables websites to automatically adapt to the displays of various devices, displaying the content in a way that makes users feel at ease. Users' online browsing actions, such as panning, zooming, and scrolling, are significantly reduced as a result.

1. **“Progressive Advancement” & “Graceful Degradation”**

When we design a product, we first create a version for the comparatively less powerful browser. This is known as "progressive advancement" (like that on a mobile phone). The simplest features and operations are present in this version. Then, in order to improve the user experience, we move on to the advanced version for a tablet or PC, which is made by adding interactivity, more intricate effects, etc. to the basic version.

On the other hand, "Graceful Degradation" begins the product design from a sophisticated end, such as the desktop, and develops a version with comprehensive functionality at the beginning. By removing specific features or contents, designers can then make the product compatible with mobile devices.

We may benefit from mobile first design in a variety of ways because it can transform a decent website that seems to look and operate well on only one platform into a fantastic website that looks and functions the best on all platforms. The same user experience is provided for customers regardless of the device they are using to access your website by offering a consistent design across all of them. Continuity helps to effortlessly deliver the same content and a fluid design, both of which are crucial for enhancing user experience and customer satisfaction. Not only will your clients benefit from having a responsive website, but it will also make your life easier. Only one set of code will need to be managed by web developers, which will save down on both time and development expenses.

A new style of thinking is necessary to adopt a mobile-first strategy. If we want to genuinely develop a memorable mobile-first experience, we will need to invest the time in learning the tactics, testing out what works, and discovering new design methodologies. In contrast to desktop websites, mobile websites obviously have less room. The stuff you include will therefore need to be chosen carefully. Furthermore, it limits a lot of the inventive design aspects you can utilize for desktop sites, which can be really aggravating. You'll need some time to adjust to these restrictions.

**Conclusion**

Overall, Mobile-first design is much more formulaic than it is creative, which is a major turnoff for many web designers, and requires that they develop a detailed plan before starting. Our site will look great, be free of errors, and offer your visitors the best possible user experience because we built it with mobile devices in mind first.