**Module 7**

**JQuery Basic, Effects & Advanced**

**• What is jQuery?**

* jQuery is a fast, small, and feature-rich JavaScript library. It makes things like HTML document traversal and manipulation, event handling, animation, and Ajax much simpler with an easy-to-use API that works across a multitude of browsers.
* With a combination of versatility and extensibility, jQuery has changed the way that millions of people write JavaScript.

**• How to Apply CSS Using JQuery, How to Add Class and Remove Class in Jquery, JQuery Animation?**

* In this article, we will learn to animate using jQuery **addClass()** and**removeClass()**functions.
* We are going to use jQuery and jQuery UI.  jQuery UI (User Interface) is free and open-source software that is built on top of the core powerful jQuery library.
* If you want to use jQuery UI, you must include jQuery too.  jQuery UI provides more features like add Class, color animation and easing, etc.

**• How to create slider with animation?**

* There are tons of design trends you can use to get visitors to stop and pay attention to the main hero section on your home page. The only problem is that once a trend gets overplayed, it quickly loses that cool factor that made it so special in the beginning.
* If you want to make sure your visitors take notice of what you’ve created as well as the messaging contained within it, you need to give them a reason to. A sliced-and-diced slider animation effect they won’t find anywhere else is a sure-fire way to do that.

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1. Step 1: Come up with a strategy for the slider.
2. Step 2: Update the background image in each slide.
3. Step 3: Update the text layers in each slide.
4. Step 4: Edit the button text and design in each slide.
5. Step 5: Edit the slider navigation