***What is JWT?***  
  
  
A JWT is a compact, URL-safe token that consists of three parts:

* Header
* Payload
* Signature

It's a great way to handle authentication because it allows us to store user information securely on the client side, reducing the load on our server. It’s securely authenticated users and ensure that their sessions were protected without relying on traditional server-side sessions, which could be cumbersome and less scalable.

**Story: The Concert Ticket**

Imagine you're going to a big concert. When you arrive at the venue, you need to show your ticket to get inside. Here's how the process works:

1. **Getting the Ticket:**
   * You go to the ticket counter (like logging in to an application).
   * You provide your ID (like your username and password).
   * The ticket counter verifies your ID and gives you a ticket (like the server issuing a JWT).
   * The ticket has all your information encoded in it, like your name, seat number, and the time the ticket was issued (similar to how a JWT contains user data, like ID and issue time).
2. **Entering the Concert:**
   * When you reach the entrance, the security guard checks your ticket (like the server verifying the JWT).
   * The guard looks at the details on your ticket and sees if it's valid and hasn't been tampered with (like checking if the JWT's signature is correct).
   * If the ticket is valid, you're allowed inside to enjoy the concert (like accessing protected resources in an application).
3. **Moving Around Inside:**
   * Once you're inside, you can move around freely without needing to show your ticket again. But if you want to enter a special area, you might need to show it again.
   * Similarly, when using a JWT, once you're authenticated, you can make multiple requests to the server without needing to log in again, as long as you include your "ticket" (JWT) in each request.
4. **Ticket Expiry:**
   * After the concert, the ticket is useless. Even if someone finds it, they can't use it to get into another concert (like how a JWT expires after a certain time and can't be used anymore).