Simple Explanation of REST API  
For those who may not know, a REST API (which stands for Representational State Transfer API) is a way for different software systems to communicate with each other through the Internet.  
  
Imagine you're trying to book a flight online. When you search for flights and enter your preferences, the website sends a request to the airline's computer system to find available flights that match your criteria. The airline's system then sends a response back to the website with the available flights, and you can choose one to book. This interaction between the website and the airline's system is made possible through a REST API.  
  
There are five main methods used in a REST API:  
  
👉GET - retrieves a specific resource or collection of resources  
👉POST - creates a new resource  
👉PUT - updates an existing resource  
👉DELETE - removes a specific resource  
👉PATCH - partially updates an existing resource  
  
The response from a REST API can either be a success or an error. A successful response typically includes the requested information or a message confirming that the requested action was completed. An error response includes a message explaining why the request could not be completed.  
  
Overall, a REST API is a crucial tool for allowing different software systems to communicate with each other and exchange information seamlessly.