What is SignalR

SignalR is a new developer's API provided for ASP.NET web applications, used to add "real time" web functionality to ASP.NET applications. "Real Time" web functionality is the ability to have server code to push contents to connected clients.

SignalR supports "server push" or "broadcasting" functionality. It handles connection management automatically. In classic HTTP connections for client-server communication connection is re-established for each request, but SignalR provides persistent connection between the client and the server. In SignalR the server code calls out to a client code in the browser using Remote Procedure Calls (RPC), rather than request-response model today. SignalR is an open-source API, and is accessible through GitHub.

Where to use:

1. Chat room applications
2. Real-time monitoring applications
3. Job progress updates
4. Real time forms