

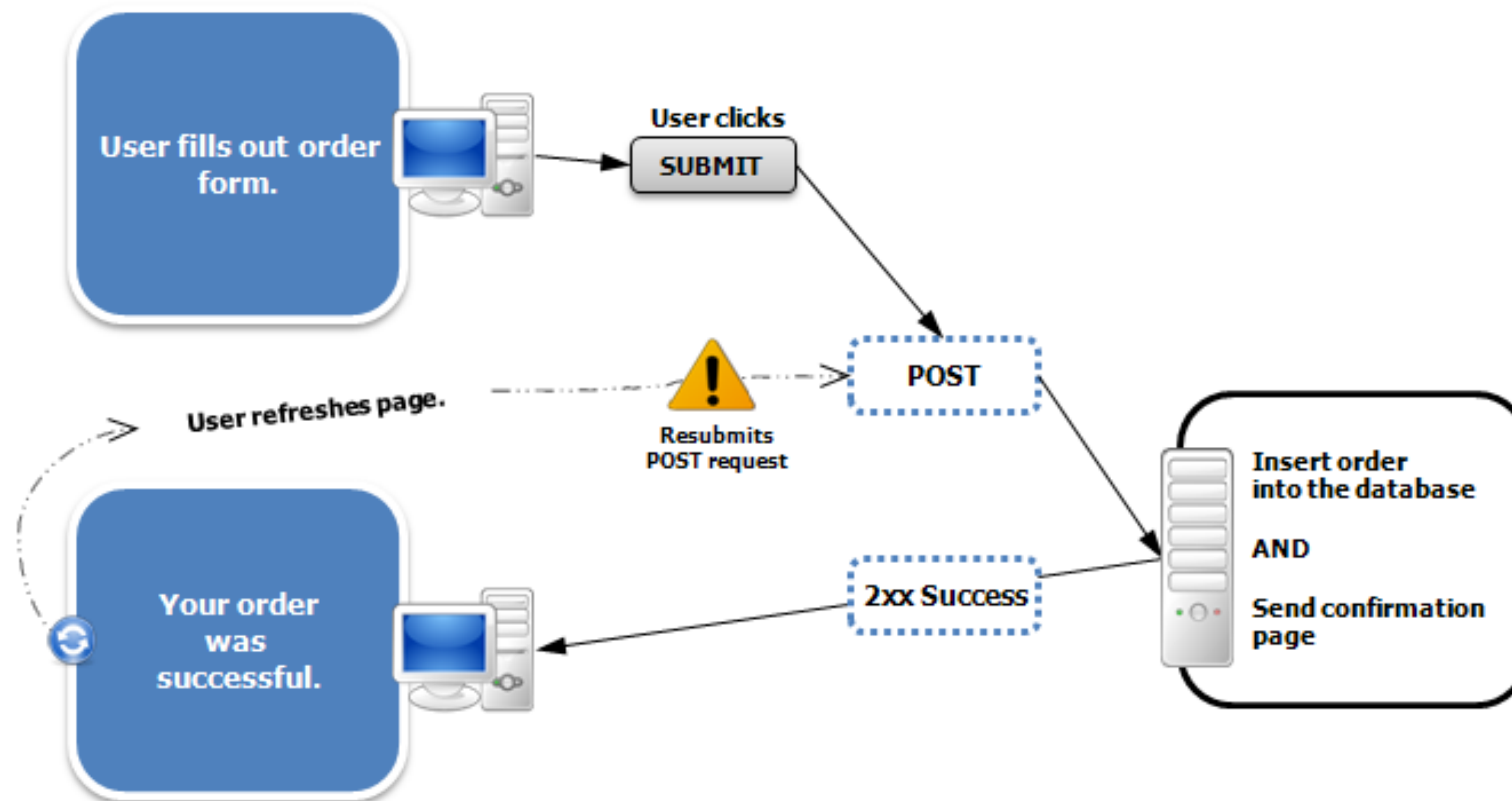
Post/Redirect/Get (PRG)

Jakarta Servlet & JSP

Miss Xing

Why need PRG?

When a web form is submitted to a server through an [HTTP POST](#) request, attempts to refresh the server response can cause the contents of the original POST to be resubmitted, possibly causing undesired results, such as a duplicate web [purchase](#).



How does PRG solve?

1. PRG Pattern: instead of returning a web page directly, the **P**OST returns a redirect.
2. **R**edirect: The Response object comes with the [HTTP 303](#) ("See other") response code and A URL (a Redirect URL).
3. **G**ET: The browser sees HTTP 303, it'll make a new GET request to the redirect URL.
4. Since the last request is a GET request, browsers can safely refresh the server response without causing the initial POST request to be resubmitted.

