**General Points**

1. When we click on a website. The web server asks the **Application Server** to send the asked data. The Sent Data might be Static and dynamic type.
2. **Static** is when everything is sent in one go.
3. **Dynamic** is when everything is sent when we ask for it.
4. **Caching**: Saving a copy of the requested page, so that when it’s called again. It will be fast to response.
5. So when a dynamic content is requested it first check in **cache memory**, then goes to application server if not there.
6. **Single Page Websites** means only one HTML page that will be received from the server to browser, then as the request is made content is received and updated in that HTML page. SPA have two ways to deliver the requested content Bundling and Lazy Loading.
7. **Bundling** is sending all data in go as bundle for browser to show.
8. **Lazy loading** is sending one by one data as requested.
9. **React Fiber Architecture:** Think of it as a priority system. The highest priority changes, the elements visible to the user, are updated first. While lower priority changes, the elements not currently displayed, are updated later.