**Web design** encompasses many different skills and disciplines in the production and maintenance of websites. The different areas of web design include web graphic design; [interface design](https://en.wikipedia.org/wiki/Interface_design); authoring, including standardised code and proprietary software; [user experience design](https://en.wikipedia.org/wiki/User_experience_design); and [search engine optimization](https://en.wikipedia.org/wiki/Search_engine_optimization). Often many individuals will work in teams covering different aspects of the design process, although some designers will cover them all.[[1]](https://en.wikipedia.org/wiki/Web_design#cite_note-different_jobs-1) The term web design is normally used to describe the design process relating to the front-end (client side) design of a website including writing mark up. Web design partially overlaps [web engineering](https://en.wikipedia.org/wiki/Web_engineering) in the broader scope of [web development](https://en.wikipedia.org/wiki/Web_development). Web designers are expected to have an awareness of [usability](https://en.wikipedia.org/wiki/Web_usability) and if their role involves creating mark up then they are also expected to be up to date with [web accessibility](https://en.wikipedia.org/wiki/Web_accessibility) guidelines