

A lot of library services are offered online. An online customer can search the catalogue, reserve items, sign up for programming and events, and find general information about the library. These services can be made available for the customer by using HTML, CSS, and JavaScript to design a service-oriented webpage. When used properly, these computer languages render user-friendly websites so the customer can access the information or service they need. HTML elements that make for a user-friendly website include drop down menus, tabs, images, links and search bars. Using CSS will ensure that the website is attractive, has a good layout, clear fonts and colours and is easy to view on mobile devices and computer screens. To make the site more interactive you can use JavaScript for elements like alert or confirmation boxes, animations and security password creation.

Having library employees who understand website coding can be beneficial. Being able to use HTML, CSS and JavaScript would enable employees in small libraries to run their own websites in-house. These computer languages would allow the library to offer services online to their customers. The library would also be able to collect data and information from their customers by using CSS forms; information like the name, age, address or phone number of the customer. The library could use this data to tailor their services to their community's needs, ensuring the success of the library.