

LIB2024 Internet Applications  
Final  
Innovation Report  
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HTML, CSS, and JS are used in Library and Information Services to create websites and platforms that assist users and patrons in effectively being able to access resources, services, and catalogs. It is important for Library and Information Technicians or Technologists to have a basic understanding of the components of Web in order to maintain Integrated Library Systems, and applications. As technology advances, more software, applications, systems, and platforms are being created for libraries, and the use of HTML, CSS, and JS is in demand for Library Technicians. As time goes on, more libraries will be looking for Library Technicians who have experience using HTML, CSS, and JS.

HTML, CSS and JS are used to create websites for libraries; some examples of what Library Technicians create include forms for signing up for a library card, menus with services offered and policies, the catalogue with all resources, and screen compatibility. HTML is used to create the actual webpage or application, CSS is used to style the page, and JS is used to animate and add interactivity for the user.

Not all libraries, especially smaller libraries, have an online component for patrons to check out online resources such as eBooks and audiobooks. Many libraries use existing external companies and use their platforms to offer eBooks and audiobooks to their patrons. An idea for a new Library Technician would be to create a software, such as a website and an app, that smaller libraries can offer to their patrons to read and use eBooks and audiobooks through the library. Creating an aesthetically pleasing, fun and interactive app for the library could be very beneficial to the library as people use their tablets and phones frequently, and this could attract more patrons to the library.