CS Masters' Thesis Defense

Title: *Content Management System for Art Lab, SDSU*
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Abstract:
A website is a set of related web pages containing content such as text, image, video, audio, etc. A website is hosted on at least one web server, is accessible via a network such as the Internet or a private local area network through an Internet address known as a Uniform Resource Locator. All publicly accessible websites collectively constitute the World Wide Web. In today's world the World Wide Web (Web) is used as the primary platform for information exchange. The web is considered as Mine house of knowledge. We can literally find information on almost everything that exists.

Given the web's increasingly important role in society, access to the web is vital for people with disabilities. In order to make a website accessible, it needs to follow some of the guidelines laid out the ADA compliance, Section 508. The research incorporates such ADA standards into a publicly accessible content management system, so that people with access challenges can also easily access the website. This CMS provides features for uploading art related images; metadata, creation and generation of PDF format slide shows from a selected set of images. The main purpose of this research is to provide insight into how ADA compliant content management systems can be built and how innovative features can be combined with usability.