SDSU
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Computer Science

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SAN DIEGO STATE
UNIVERSITY
Leadership Starts Here

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Android Application for Library Resource Access

Abstract

With the convergence of traditional computers and Mobile telephony, the new smart devices capable of running customized applications have been on the rise. There is an urgent need for every service provider, including libraries, to embrace this new mode of information dissemination. Due to a variety of reasons, people prefer to use their mobile smart phone to get information about their library, browse the catalog listings, check a book's availability status, etc. This thesis is an attempt to provide a mobile application solution for the SDSU's electronic library services.

The aim of this thesis was to create an Android application for the SDSU Library that has all the features that a user would often use when he/she visits the library website. It is a one-stop solution for retrieving all the library related information, news, events, floor-by-floor maps, etc.

Catalog search and research guides are two of the application's primary features. The application allows a user to search in the library's catalog (Books & Media) based on the entered keywords. These search results are gathered from the SDSU Main Campus Library and from the Imperial Valley Campus Library location. Bibliographic information of any particular book/e-book, along with its status (location, call number and availability) is provided for each of the search results. This application makes all the SDSU library related information available at one's fingertips.

Thesis Committee

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