SDSU
presents
a thesis defense for
Master of Science
degree in
Computer Science

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GMCS 405

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Developing Google Android Application Using the RESTful Web-Services

Abstract

This Thesis demonstrates developing a mobile-phone application using the Google Android operating systems, illustrating the features and architecture of Android. The Application retrieves data present in a web-pages (GUI) of the web-site which supports Restful web-services for communication. The retrieved data is exhibited in the Android mobile application, transforming web-site into a Mobile Application.

The web-site chosen for demonstration in this Thesis provides cognizant information related to the Entertainment bracket for the Indian Community in San Diego. People using the web-site to access the information may now install and use the developed application, into mobile phones having Android operating system. The application provides all information available in the web-site along with customized layout for mobile phone with a better user-experience.

Thesis Committee

Carl Eckberg, Thesis Chair, Department of Computer Science
William Root, Department of Computer Science
Mark Dunster, Department of Mathematics & Statistics