

SDSU

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

Wednesday, October 22, 2014

> 2:00pm GMCS 405

Akshay Manathkar

SDSUHood

Abstract

San Diego State University (SDSU) is a popular destination for students. The university offers a wide range of courses. Every year around 2000 international & out of state students join SDSU. Students who join the university need information about their daily needs like places to eat, live, shop etc. It is not possible for them to ask someone every time, so they need some central source of information.

With the advancement of internet and technology, the traditional source of providing information in a pamphlet is becoming obsolete. The number of people using smart phones for daily needs like checking mails, browsing internet, bank transactions, etc. is increasing every day. According to current statistics, Android covers more than 50% of the smartphone market. So it should be especially valuable if there is an Android application for new enrollees, showing information about places around SDSU on their smartphone.

The objective of this android mobile application is to allow students to find information about the places around the San Diego State University in one application. By categorizing the basic needs of a student, it enables them to explore places in a few clicks. It provides their contact information and allows them to navigate to the place through this application using Google Maps.

Thesis Committee

Carl Eckberg, Thesis Chair, Department of Computer Science William Root, Department of Computer Science Carmelo Interlando, Department of Mathematics & Statistics