SDSU
presents
MS Computer Science
THESIS DEFENSE

Wednesday,
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1:00pm GMCS 418

San Diego State University
Leadership Starts Here

Bela Mhasavade

Joining Mapping Software and Cultural Reflections

Abstract

Language Acquisition Resource Center (LARC) is a center at San Diego State University which provides courses and programs for learning different languages such as Italian, French, Persian, Spanish, Japanese, Chinese, and Russian. It is important to learn the culture of the region/province to learn the language of that province. LARC department has a study abroad program under which students from SDSU go abroad to study the culture of the other countries. We have developed the application to make it easier for students to share their experiences directly with their classmates with the help of interactive maps by uploading the images and videos directly through our system. This application helps professors to teach the courses in more interactive way by showing pictorial presentation of the cultures and students to be creative and be able to share their experiences with their classmates. Motivation behind this thesis is:

- To make the process of sharing these experiences easier and automated

- To collect GPS data from the uploaded images automatically and map those images on the map using ARCGIS storytelling map tool

- To make this application secure and prevent the attacks from the hacker

Thesis Committee

Carl Eckberg, Thesis Chair, Department of Computer Science
Alan Riggins, Department of Computer Science
Mary Ann Lyman-Hager, Language Acquisition Resource Center