



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

Wednesday,  
November 12, 2014  
  
1:00pm  
GMCS 405

# Pradeep Rana

*Location Based Chat Application for iPhone*

## Abstract

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With the increasing use of mobile devices everywhere in the world, there is a lack of social interaction between people.

The objective of this thesis project is to create a location based chat application, which will help users to interact with other people around them. It will provide an opportunity to meet people when someone visits a new place. The app will use GPS coordinates of the user and will show him a list of other users based on his location. The user can then choose any of the other users from the list and start chatting with them.

This app will consist of a frontend and backend. The frontend will be an iOS application and the backend will be a PHP/MYSQL server.

## Thesis Committee

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Carl Eckberg, Thesis Chair, Department of Computer Science  
William Root, Department of Computer Science  
Peter Blomgren, Department of Mathematics & Statistics