CS Masters' Thesis Defense

Title: *SDSU Goggles Android Based Application*
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Abstract:
This era has seen an explosion in popularity of mobile computational devices, such as various types of smartphone or tablet. The iPad is a cogent example. Smartphones or tablets help you to stay organized, flexible and provide fast and secure communication. They also help you to stay in touch with your friends and relatives easily. Smartphones run complete operating system software, providing a rich platform for application development. The SDSU Goggles App is an android smartphone-based application that provides the functionality of a "rate and review" system. This functionality is capable of reviewing and rating professors' teaching skills and proficiency for particular subjects or courses. Similarly, the user can rate and review the subjects themselves. The application core framework is integrated into the Java language using the android operating system, a program that supports several needs. This includes the UI and service layers of a smartphone application, the storage of all the information into a database and finally the flow of data between server and application in JSON format. The Apache Tomcat web server has been used to provide web services using servlets. Also, the very popular MySQL database is used to manage data efficiently and effectively.