CS Masters' Thesis Defense

Title: *Mobile PDF Conversion Application for the Android Platform*
Speaker: Devang Patel
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Thesis advisor: Dr Joseph Lewis

Abstract:
Mobile applications development industry is the most rapidly growing segment of the global mobile market. They comprise of software that runs on a mobile device and performs different tasks for the user. Mobile devices become a platform to support a wide variety of data applications such as email messaging, web browsing, sharing audios and videos, playing and watching videos and music, gathering information from the internet, just to name a few. With the evaluation of different platforms and operating systems, there is always a demand of technology that can play independently. In the corporate world, people from different business sectors including sales and service professionals, educational and health professionals, road warriors etc. are using on-the-go computing capability using mobile technologies for communication, entertainment, news etc.

PDF (Portable Document Format) helps the users to collaborate their ideas and work in platform independent way, providing several other advantages such as portability, security, formatting, file conversation etc. Nowadays, android mobile devices are popular way to interact with variety of people including students, business professionals, sales and marketing professionals, etc. PDF is the final format document that can be distributed to people in more efficient way, as it will be in same format on all the devices as compare to the formatting issues associated with MS word format.

The aim of this thesis is to develop an android based mobile application which converts MS Word document, graphic file formats like JPEG, PNG to PDF file format. This report will outline the basic introduction of PDF format and provides the insight of implementation process.