



SDSU
presents
a thesis defense for
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degree in
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Customization for Mobile EBook Readers

Abstract

Today's mobile phone users are often extensively dependent upon applications to accomplish their daily needs. Mobile applications help the users in the following ways: accessing email, navigation, chatting, reading e Books etc. All these purposes are fulfilled only when there is a framework, which provides a complete mobile platform to achieve these tasks. Android is one of the mobile application based platforms for providing a wide range of applications that are reliable.

An electronic book (variously, e-book, eBook, digital book, or even e-editions) is a book-length publication in digital form, consisting of text, images, or both, and produced on, published through, and readable on computers, Mobiles or other electronic devices.

E-book websites can include the ability to translate books into many different languages, making the works available to speakers of languages not covered by printed translations. Depending on the device, an e-book may be readable in low light or even total darkness. Many newer readers have the ability to display motion, enlarge or change fonts, use Text-to-speech software to read the text aloud for visually impaired, partially sighted, elderly or dyslectic people or just for convenience, search for key terms, find definitions, or allow highlighting bookmarking and annotation.

This research paper describes how these features can be achieved with an android application. It also describes what methods are used and what the limitations were, while the application was being built. Specifically this thesis develops an Android Application titled Customization for Mobile E-book Readers. The features developed include font changes, searches, social media posting, light mode change, background image change, bookmarks, and text-to-speech and reminder alarms.

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