Accessibility for NOOK Apps

Description

• Facilitate the blind and low vision users to access Barnes & Noble's catalog.

• Help them navigate through the interfaces of the application as conveniently as sighted users.

Approach

• Used Voice Over (Apple’s screen reader)

• Started testing on iPads and then moved to iPhones

• End user tests with blind and low vision users

How it works?

User double taps on Sign In button

Enter login credentials

Library screen with all the books

Double tap on any book to open it

Future Work

• Make the NOOK app on Android accessible
• Implement third party TTS engine

Acknowledgements

• Tom Terrill, Engineering Manager NOOK for iOS and Android
• Ed Katz, Associate Professor, CMU-SV