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A PROJECT REPORT ON

“ELECTRONIC BRAILLE CODE ANALYZER”

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PROJECT GUIDE

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ABSTRACT

Books for the Blind also referred to as talking books. It is a program in the United States, which provides audio recordings of books in a proprietary cassette tape format, along with a cassette player supporting that format, free of charge to people those who are blind or visually impaired.

Yet, with new technologies available today, Books for the Blind is moving toward a digital format with the effort of **National Library Service** of the Blind and Physically Handicapped (NLS) leading the way New ways to help or service the Blind include books available on a digital and with the **Web-Braille** format. The digital format deals with talking books, and making the whole book, which usually could never fit on one medium before, available on a memory-card. The Web-Braille program, which deals with downloading books, is written in Braille, and allows the patron to print the format at their home.

Again, the **Web- Braille** format utilizes the same technology as the digital books: these materials can be downloaded onto a memory card, and since you can download them right away, are much more convenient than what was available before. The only hurdle left is really creating the best medium to play these new talking books on the digital format. Since these players need to be accessible to blind patrons, it needs to be created with them in mind. In 2001, the NLS did create a contest for someone to come up with the most practical player, but, as of 2004, no winner or design was chosen.