

CHAPTER-1

INTRODUCTION

A major part of the physically challenged people is blind. And life for a blind person is full of complications. Blind people are more dependable than any other physically challenged people. Blind people face a lot of problem while getting information from regular text. Reading is obviously essential in today's society. One of their biggest challenges is reading books and letters, after the introduction of Braille language [5] there was definitely a sigh of relief, but not everything can be converted to Braille, since it occupies more space to represent a simple sentence. Printed text is everywhere in the form of books, newspaper, reports, receipts, bank statements, literature like novels etc. Although blind people uses a Braille language which is one of the most important ways that visually impaired individuals acquire their information. The problem is that it is hard to find Braille books due to the high costs involved to published them compared to common books .The ability of people who are blind or have significant visual impairments to read printed text will enhance independent living and social self-sufficiency.

So here we are going to propose a system that is useful to blind people which will convert a scanned document into an audible format.

1.1 Purpose

In worldwide the visually impaired peoples are 314 million, in that 45 million are visual impairment which was released by "World Health Organization" in 10 facts regarding blindness. Such people cannot see, read or write as the normal human beings. So blind people face a lot of problem while getting information from regular text. Reading is obviously essential in today's society. Printed text is everywhere in the form of books, newspaper, reports, receipts, bank statements, literature like novels etc. Although blind people uses a Braille language which is one of the most important ways that visually impaired individuals acquire their information. The problem is that it is hard to find braille books due to the high costs involved to published them compared to common books .The ability of people who are blind or have significant visual impairments to read printed text will enhance independent living and social self-sufficiency.

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