Software Requirements Specification

for

Blind’s Library

Version <1.0>

Prepared by

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# Introduction

Supporting the blind and visually impaired by providing a range of services, the of which are: audio recording of book content. Providing a high-quality audio archive uploaded to the Internet, free of charge and available to all, including records of books and references required to facilitate study for all blind people. Keeping abreast of the renewal of scientific content, the development of curricula, and the updating of records. Ensuring accuracy and scientific integrity by communicating with specialists to provide solutions and audit information.

**Objectives offered by the program**

**1-**Supporting the blind and visually impaired by providing a range of services, the most important of which are: audio recording of book content.

**2-** Providing a high-quality audio archive uploaded to the Internet, free of charge and available to all, including records of books and references required to facilitate study for all blind people.

**3-** Keeping abreast of the renewal of scientific content, the development of curricula, and the updating of records.

**4-** Ensuring accuracy and scientific integrity by communicating with specialists to provide solutions and audit information.

**5-**Communicate with various entities, institutions and associations in the framework of achieving every cooperation that can provide services that support the blind and visually impaired segment.

**6-**Spreading culture and awareness in all matters related to the category of blind people and how to deal with them. Promoting volunteer youth culture by encouraging and supporting volunteers.

**Future vision**

*Expansion of services that support the blind on the personal, scientific and professional levels. Diversify the content presented so that it is not limited to scientific content only. Independence in securing publications and special supplies.*

## *This section provides a description and overview of the matters included in this SRS document.*

## Document Purpose

The purpose of this document is to give a detailed description of the requirements for the

"Blind`s Library" software. It will illustrate the purpose and complete declaration for the

development of system. It will also explain system constraints, interface, and interactions with other

external applications. This document is primarily intended to be proposed to a customer for its approval and a reference for developing the first version of the system for the development team.

## Product Scope

The “Blind’s Library” is an application that relies mainly on volunteer work. It helps the blind to get the books they may want, In the form of an audio file, from the list of pre-existing books or through the ordering service.

Volunteers can provide their services by registering on the platform, and their work will be an essential component of the operation of the system.

The administrator also manages the system and keep tasks organized. An administrator can, for example, check book requests and make sure the volunteer process is going.

Furthermore, the program requires an internet connection and Voice Recognition system to **convert text to voice and vice versa.**

The books are kept in a **database** located on the web server.

Users can go into the platform and choose a book, or they can search for a book and if they can't find it, they can send a book request for volunteers to send in as soon as possible. After the book is made available, it will be stored in the database and added to the library and the user will be able to download and preview it.