

**Software Requirements Specification  
for**

**TXTSCAN**

SUBMITTED BY-

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## 1. INTRODUCTION

## 1.1 Purpose

The purpose of this document is to an OCR based app that is for the use of humans for daily tasks.

## 1.2 Project Scope

The purpose of this TXTSCAN is that it is for the ease for the humans to reduce the human man power and perform the tasks with the technology.

This application will scan the documents and convert them to the soft copy that can be edited and saved in the real time and we can also listen what Is being scanned.

## 2. Overall Description

## 2.1 Project Features

1. Scan the files and printed text formats and in real time you can view it on your application screen
2. The OCR is best for making the hard format files easily a soft copy
3. OCR can translates the text with a voice output
4. Its decreases the human work and decreasing the time bounds
5. Study online and offline tools of the character recognition.
6. Its need is to reduce the human work.
7. It decrease the human man-power
8. It increases the time saving.
9. It will help when the user in not watching the text or document and the application will read for it.
10. The user can edit the document through an picture.
11. The previous pictures will be saved in a database.
12. This is for the ease of doing the work.

## 2.2 Operating Environment

This Project is a android project so the operating environment is android studio IE and the SDK used for this will be API 24.

## 3. Functional Requirements Specification

## 3.1 Front-end Requirement

Front end requirement is the online materialize buttons for featues and the text formats .The background pictures will be designed in photoshop and same with the logo.

## 3.2 Back-end Requirement

The basic requirement is the google api and the basic connectivity and all the surfing on the internet for the basic understanding. The sdk are required f the latest level .

\*The android studio should be fully updated

## 4. Non-Functional Requirements Specification

## 4.1 Performance Requirement

The performance of the TXTSCAN OCR Application with no Loop holes, vulnerabilities and high-speed content delivery. Users/ Customers will face no lag and get more traffic on the application, which can be seen in Analytics.

## 4.2 Compatibility Requirement

It is a android applucation, which is responsive and only need android OS with a back camera to open it, which can be accessible on any mobiles.