

# Requirement Catalog

## Functional Requirement:

The behavior of the system in its most fundamental form is specified by the functional requirements. In general, they consist of what the system is doing or is not doing, as well as how the system reacts to the inputs that are given. Functional requirements refer to aspects of a system that must be present in order for it to operate as intended. To put it another way, if the functional requirements are not met, the system will not operate as intended.

Following are some of the functional requirements:

1. **Log In/ Log out:** In order to provide individualized guidance on the areas in which they may improve, there has to be a sign-in and sign-out process.
2. **Real time mistakes:** Display the filler words as individuals are speaking and transcribe what they are saying in real time. There are pauses, and some words are repeated many times while delivering content.
3. **Live Feedback:** Provide the user with comments while they are speaking, letting them know what faults they saw throughout their sentence and how to correct them.
4. **Speech Analysis:** It is capable of converting the user's spoken words into text.
5. **Give general advice:** Provide them with useful tips on postures and presentation materials that they may utilize while they are presenting their subject.
6. **View personalized/ non-personalized recommendation:** The user has the option of seeing either a personalized or non-personalized suggestion, and they are also provided with information about the errors that they are committing in contrast to the rest of the app's users.
7. **Top stories:** For the user's amusement, top stories have included the most recent top news stories. This allows the user to enhance their reading abilities as well as their ability to skim text.

## **Non Functional Requirement:**

### **1. Performance Requirements**

- The interface is simple and easy to use
- System is user friendly, self-explanatory and is provided with help guide
- The application is made fast in order to decrease response time
- Resource are modified according to user requirement

### **2. Safety and Security Requirements**

- The application has to be secure from attacks
- The system should be tough but not prone and should be more stabilized

### **3. Software Quality Attributes**

- The system cannot be relied upon completely but have to attain maximum reliability
- Minimize the errors
- The suggestions provided by application should be correct

## **Resource Requirement**

### **Android System Requirement:**

- Android Version: 2.5 or later
- Processor: no less than 500 MHz
- RAM: at least 200 MB
- Storage: at least 516 MB
- Internet require: Yes
- Microphone require: Yes

## **Software Requirements**

- Windows OS 8/10 64-bit
- MAC OS X 10.10 or higher
- X86\_64 CPU Architecture
- 1280x800 screen resolution
- At least 1.7 JDK version

## **Hard Requirements**

- 2<sup>nd</sup> Generation Intel Core, AMD
- At least 4 GB RAM
- At least 4 GB of disk space
- External Android Device
- Type C or Micro USB cable

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[Download the latest version of JDK from here](#)