

AMAZON TRANSCRIBE MEDICAL

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Overview

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INTRODUCTION

- Automatic speech recognition service.
- Transcribes medical terminologies.
- Diverse range of use cases.
- It is HIPAA eligible .
- Data privacy and security.

EXISTING SYSTEM

- It has a medical transcriptionist.
- Responsible for listening to voice record and written reports.
- Very hardworking and time consuming process.
- Chance of losing and errors of data.
- less user friendly.

PROPOSED SYSTEM

- Automatic speech recognition service.
- it automatically transmit audio to text.
- Easy to manage and maintain.
- Reduce the manual work.
- Easy to retrieve the data and user friendly.

MODULE DESCRIPTION

- Audio file transcribe.
- Record transcribe.
- Admin panel.

- Audio file transcribe
 - Audio file language
 - speech type
 - patient or case number
 - email address

- Record transcribe
 - Record the voice using start button.
 - Audio file language
 - speech type
 - patient or case number
 - email address

- Admin panel

- login and registration.
- create and edit patient case number.
- Audio file upload.
- successful results.
- daily transcribe tasks.
- case name with audio file name.
- google analytics.
- Adsense.
- email services.
- profile setting.

PRODUCT BACKLOG

Sl.No	Description	Priority
1	Data base creation	1
2	Home page creation	2
3	Registration and Login Page creation	3
4	Creation of audio transcribe	4
5	Creation of record transcribe	5
6	Creation of admin session	6

SPRINT BACKLOG

Sl.No	Date	Tasks	Status
1	31/3/21 TO 5-04-21	Discussion of topics and Requirement	Completed

HARDWARE AND SOFTWARE SPECIFICATION

- Hardware Specification

- 32-bit or 64-bit
- 2 GB RAM
- intel i3.

- Software Specification

- Operating system: Windows 7 or above.
- Framework: Django
- Browser: Any Browser
- Front-End: Python 3.8.0
- Backend: MySql

GIT SCREEN SHOT

git.pic.PNG - Picasa Photo Viewer

shemna39/amazon-transcribe-medical

github.com/shemna39/amazon-transcribe-medical/tree/master

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shemna39 Merge pull request #1 from shemna39/shemna 54ac688 2 minutes ago 3 commits

medical_abstract.pdf	abstract	5 minutes ago
record.docx	record	2 minutes ago

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CONCLUSION

- Reliable software.
- It accurately transmit the medical terminologies.
- Manage the works of a medical transcriptionist.
- Provide easy maintenance and security .
- Efficient utilization of time.

The End