Intelligent Voice Recorder

Dhiraj Gurkhe
Arizona State University
Email: dgurkhe@asu.edu
ID: 1209305002

Sriram Vellangallor Subramanian
Arizona State University
Email: ssvleang@asu.edu
ID: 1209270383

Karumpudi Ramakrishna Reddy
Arizona State University
Email: rkreddy@asu.edu
ID: 1209319770

***Abstract*—What we lack with conventional audio recording is meta-data about the recording telling us what is happening at different timestamps of recording. This project tries to solve this by adding meta-data to recordings by giving users the facility to put textual tags called hooks while they are recording. This allows the user to not just listen back to recording but also have time lined bookmarks of text to make him understand what was happened at different timestamps that he hooked a text.**

Keywords*—*Voice Recording, Playback, Waveform, Android, GPS

I. Introduction

We are planning to build an Intelligent Voice Recorder application on Android platform. The application will enable users to annotate the audio while recording, on the fly. This app will provide two functional modes - the recording and playback. While recording an audio, the user can view the waveform of the recording real time. We will implement a user interface through which he can insert a hook at different time frames to include textual annotations. These annotations can be input by keyboard. In the playback mode, user can view the waveform of the recorded audio as a timeline. Annotations would appear in sequence while the audio is being played. The user can organize his notes based on location fetched from the GPS, tags, time of recording or his own preferences.

II. Implementation

A. *Voice Recording*

Dhiraj

B. *Playback*

Sriram

C. *Folder Organization*

Rk

D. *Database and Storage*

db and drs stuff

III. Status Table

table

References

[1] H. Kopka and P. W. Daly, *A Guide to LaTeX*, 3rd ed. Harlow, England: Addison-Wesley, 1999.