Abstract

In this paper, our android application aims at helping visually challenged people who want to use the android based smart phones. The GUI of the application is designed such a way that anywhere they touch on the android smart phone; they can do the task they want to. The application inputs would adjust themselves with respect to the touch of the user. The GUI would recognize the gestures drawn by the user on the screen and execute particular functions corresponding to the gestures drawn.

References

2. B. Raghavendhar Reddy, E. Mahender,” Speech to Text Conversion using Android
AWAAZ: A Bridge between Android Phones and the Visually Impaired

Platform”, International Journal of Engineering Research and
3. Suma Swamy and K.V Ramakrishnan,”AN EFFICIENT SPEECH RECOGNITION
SYSTEM”, Computer Science & Engineering: An International Journal (CSEIJ), Vol. 3, No. 4,
August 2013.
5. “Developing Android Applications with Voice Recognition Features”,
nition-features, March 2014.

Index Terms

Computer Science   Information Sciences

Keywords

Android, natural language processing, text to speech, visually impaired, voice commands,
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