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...
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.
Tavel, P. 2007 Modeling and Simulation Design. AK Peters Ltd.
nition-features, March 2014.

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