



Project funded by the EU Lifelong Learning Programme
Project Reference No. 527877-LLP-1-2012-1-UK-ERASMUS-ENW

SALEIE Student Project in Assistive Technology Project 9

Project Supervisor:	Prof. Böhm	SALEIE partner	UOAS Mainz
Project Title: Creating a Smartphone APP using speech recognition for real time character composition in lectures			
Project duration:	1 semester	Project level	Final year (year 3) undergraduate project
Course Suitability:	Bachelor of Geoinformatics and Surveying		
Project Description:			
<p>This project aims to support students with hearing disabilities during classroom lectures. In this project, a system will be designed and developed with the ability to create a text document in real time using tablet PC or Smartphone. The audio input from the lecturer will be analyzed and transformed into documents. Within the course of this project, state of the art analysis will be performed and existing software will be selected, the vocabulary trained and an application developed. The project utilized modern state of the art speech recognition technology and its main tasks are software development. The expected result is a prototype of an iOS or Android app.</p> <p>This project links into the active <i>EU Lifelong Learning Programme "SALEIE"</i> (Strategic ALignment of Electrical and Information Engineering in European Higher Education Institutions) and the work will be aligned to the area of assistive technologies to support students with disabilities.</p>			

The project descriptions are provided and also the contact details of the project proposer for more information or to discuss potential collaboration. These project descriptions are provided as ideas for other institutions to develop projects in assistive technology. If you want to refer to these project ideas, we would ask that you acknowledge the SALEIE project as follows:

"This project idea was developed as one of the project proposals provided under the EU Lifelong Learning Programme "SALEIE" (Strategic **AL**ignment of **E**lectrical and **I**nformation **E**ngineering in European Higher Education Institutions). Project Reference No. 527877-LLP-1-2012-1-UK-ERASMUS-ENW Project funded by the EU Lifelong Learning Programme"

<http://www.saleie.york.ac.uk>

Project Coordinator: Tony Ward, University of York

Email: tony.ward@york.ac.uk