



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 14

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| Project Supervisor: | Dr Ian Grout | SALEIE partner | University of Limerick |
| Project Title: Flash animation based tutorial on Braille | | | |
| Project duration: | 1 semester | Project level | 3 rd or 4 th year undergraduate |
| Course Suitability: | Any computer engineering or computer science/IT programme. | | |
| Project Description: | | | |
| <p>The aim of this project is to develop an on-line tutorial which introduces an individual to the structure and uses of the Braille language. Each identified braille symbol will be shown along with a short description of its meaning. Where possible, photographs of the braille signs in operation will be included. At the end of the presentation, there will be an interactive page which will show a suitably designed on-screen keyboard where the characters can be selected using the mouse. The converted characters in braille will then be displayed on the screen.</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"