Abstract

Human Computer Interaction has always always been oriented towards providing ease of access to the users of the systems. Much work has been done on this area for non-disable person which formulates the largest segment of the commercial population. A lot of effort is required to be made to make technology accessible to the disabled community. The paper discuss several problems associated with individuals with disabilities. Software systems are designed all over the world for disabled, but they lack the luster through which the disable may be motivated to make optimal usage of the technology. Our research provides for the design of an abstract model which can be considered as the baseline foundation on which frameworks for developing Adaptive Intelligent User Interfaces for Disabled may be developed. Such interfaces will not only capture the interest of the disabled individuals but also provide a socio-economic reform, through which the participation of the disabled might be increased, and the use of their intellect may be given a positive direction for the betterment of the Society.

References

Critical Analysis of the User Interfaces for the Disabled Community

1998.

Index Terms

Computer Science

Human-computer Interaction
Keywords
User Interfaces For Disabled Individuals  Life Cycle Models For User Interfaces  Adaptive User Interfaces
Adaptibility Framework
Assisted Cognitive Learning