ID	2625
Curricular Unit	Usability of Information Systems
Regent	Francisco dos Santos Rebelo
Learning Outcomes	- Understand the concept of usability. - Master the tools and methodologies to assess the usability. - Develop skills to apply usability testing
Syllabus	1. Evaluation of usability testing with think-aloud - Rules to be a good moderator; - Methodological Aspects (sample and place for the collection of data); - Conduct a think-aloud test; - Development of user testing; . 2 Assessment of usability with systematic observation: - Methodological Aspects; - Measures of performance and success; - Evaluation of an information system. 3. Evaluation of usability of security warnings - The C-HIP model (Communication-Human Information Processing) - Tests for the assessment of comprehension; - Virtual reality in the assessment of safety warnings. - Evaluation of an information system. . 4 Techniques to predict usability: - International Standards; - Analysis of the task; - SHERPA; - Walk-Throughs;
Evaluation	Model A : Continuous assessment , which shall consist of reporting practices chips. Model B : Final exam integrating theoretical and practical components of the course..

Bibliography	Main Bibliography: Barnum Carol M. (2010.) Usability Testing Essentials: Ready, Set .. Test! Morgan Kaufmann (ISBN 978-0-12-375092-1) Rubin, Jeffrey (2004) Handbook of Usability Testing: How to Plan, Design, and Conduct Effective Tests. New York: Wiley, 1994. Nielsen, J. (2000). Designing Web usability. Indianapolis, IN: New Riders Publishing. Mayhew, D. (1999). The usability engineering lifecycle. San Francisco, CA: Morgan Kaufmann. Norman, D., & Draper, S. (1986). User-Centered System Design. Hillsdale, NJ: Lawrence Erlbaum Associates. Jesse Garrett (2011). The Elements of User Experience: User-Centered Design for the Web New Riders (ISBN 13-978-0-321-68368-7) Additional bibliography: Another to provide during classes.