The diploma thesis focuses on the analysis and assessment of the existing user interface of the departmental libraries of Faculty of Arts, Charles University in Prague. The theoretical part generally characterizes the discipline of Human Computer Interaction. Furthermore, it characterizes concepts such as user interface, web usability and web accessibility and information architecture. Besides, it introduces the organisation, functions and services of the Central Library of the Faculty of Arts, including departmental libraries. The practical part explores and assesses current condition of the websites of the departmental libraries. The aim of this research is to determine users' satisfaction based on their experience with these library websites. Moreover, the research monitors the users' idea of an ideal website. A further concern is the usability, accessibility, content, design and information architecture of the websites researched. In accordance with the results of the research, a schema of a new human interface for the departmental libraries is designed.