

Title: Fashionspace Portal
Author: Jindřich Flidr
Department: Department of Software and Computer Science Education
Supervisor: RNDr. Tomáš Holan, Ph.D.

Abstract: The aim of this thesis is to design architecture and implement web application “Fashionspace”. This application allows user to create virtual fashion shows based on videos in an interactive environment. The client application is implemented using the Adobe Flash platform and communicates with the CMS Drupal using services. The application is integrated with many technologies, such as online user communication using the XMPP protocol or HD video streaming. The architecture of this application is modular and is built on the principles of MVC.

Keywords: web technologies, RIA, Adobe Flex, CMS Drupal, video streaming