Last-Minute Coordinator: Fashion coordination system using logs

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Abstract

We propose a system that allows users to easily organize and optimize their daily clothing selection based on historical log of what they have previously worn. By utilizing popular SNS sites such as Twitter, the system can also enlist the network of friends to help users select their ensembles for that day through a candidate based clothes ranking system. In this paper, we describe the concepts and implementation of the system.

Keywords

Fashion coordination, recommendation, communication

ACM Classification Keywords

H5.m. Information interfaces and presentation (e.g., HCI): Miscellaneous.

Last-Minute Coordinator (LMC)

Selecting the clothes you wear is sometimes tedious, difficult and requires one to remember what one has previously worn. While there are many fashion SNS sites and related research [1, 3] devoted to address aspects of this issue, there is no system that combines both the cataloguing of one's own clothes with near real-time recommendation by their social network.

LMC is a novel system which allows users to easily organize and optimize their daily clothing selection based on historical data. By combining historical information about what the user has worn with several options such as the user's planned activities and the weather, it can help the user in coordinating what to wear. Utilizing the internet, it also allows friends, family living apart and/or intimate couples to share photos of their clothes, initiate conversation and help select what is appropriate. In order to capture and store the image of the users clothing, we utilize the TagTansu[2] system which allows for the automatic and standardized capturing of a person's clothes by simply hanging it on a hook built into a cabinet.
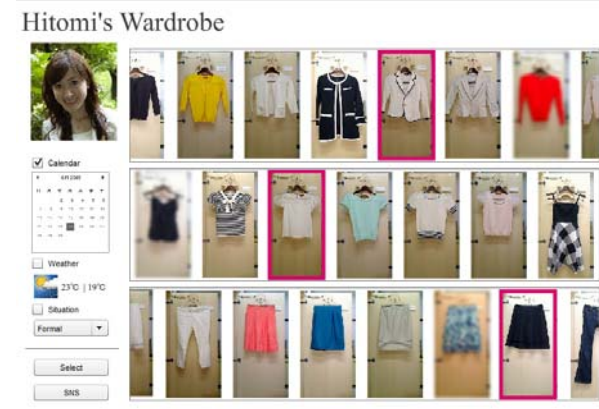
figure 1. Screenshot of the Last-Minute Coordinator system

LMC displays all clothes of the user in a scrollable thumbnail format. The user starts by selecting the "Occasion" (fig. 1) of the day via the "Formal", "In-Formal", "Casual" or "Indifferent" selector. Based on the selection, historical trend data, and whether the

weather option is selected, the pictures of inappropriate clothing will be dynamically blurred. After selecting the clothing combination for the day, the user will then press the "Select" button whereby the selections as well as other related data will be recorded to the LMC log. A calendar selector will also allow the user to query the log on what was worn in the past and/or update their selection if they forgot to make a selection for that particular day.

This system will also allow the user to select multiple candidate clothing choices and request feedback from their social network (e.g. Twitter). By selecting the candidate thumbnails and then selecting the "SNS" button, the LMC will create a page on a web server with only the candidate clothing displayed. A link to this web page and a short message will then be sent to the user's social network about the pending query. When the user's friends receive the request, they can open the web page and easily vote for their recommendation. This information (vote) is then automatically compiled and the LMC notifies the user of the network's recommendations in near real-time.

References
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