



Dress.com

*-- A CBR-Based Digital Paper Doll System
for Real-Life Dressing*

Chueh-Min CHENG and Chun-Wei LIU



Don't know what to wear?

Take too much time to try on clothing?



Childhood's Experience

-- *The Paper Doll*

- The game is also about clothing collocations.
- All the printed images of clothing items belong to the paper idol are actually the images of items which are worn by the idol.





Goal

- Build up a digital paper doll system that helps users easily decide clothing collocations.
- Problem faced: how users find a specific clothing item in the virtual wardrobe?
 - CBIR methods



System Flowchart

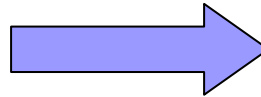
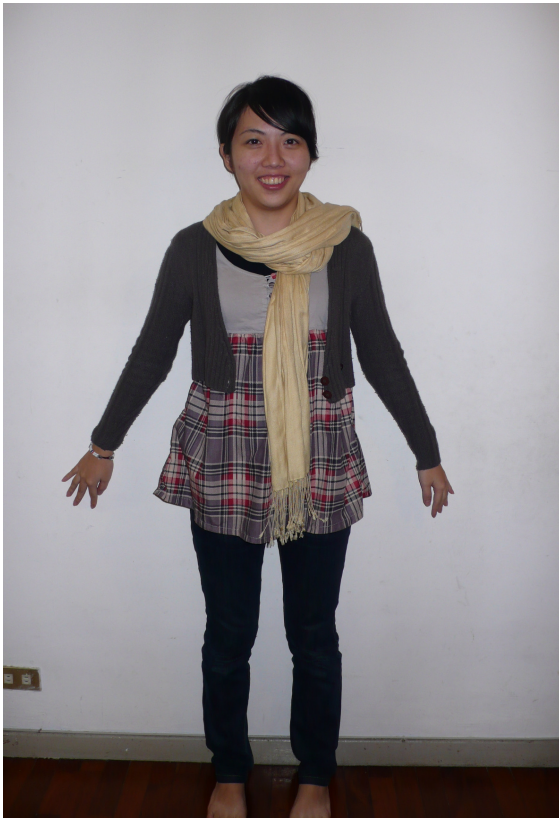




Things to Do

- Item Extraction
- Image Retrieval
- Item Alignment

Item Extraction – lazy snapping



Item Alignment

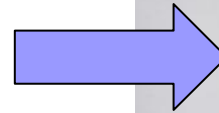
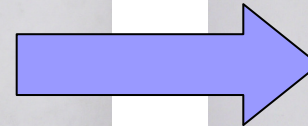
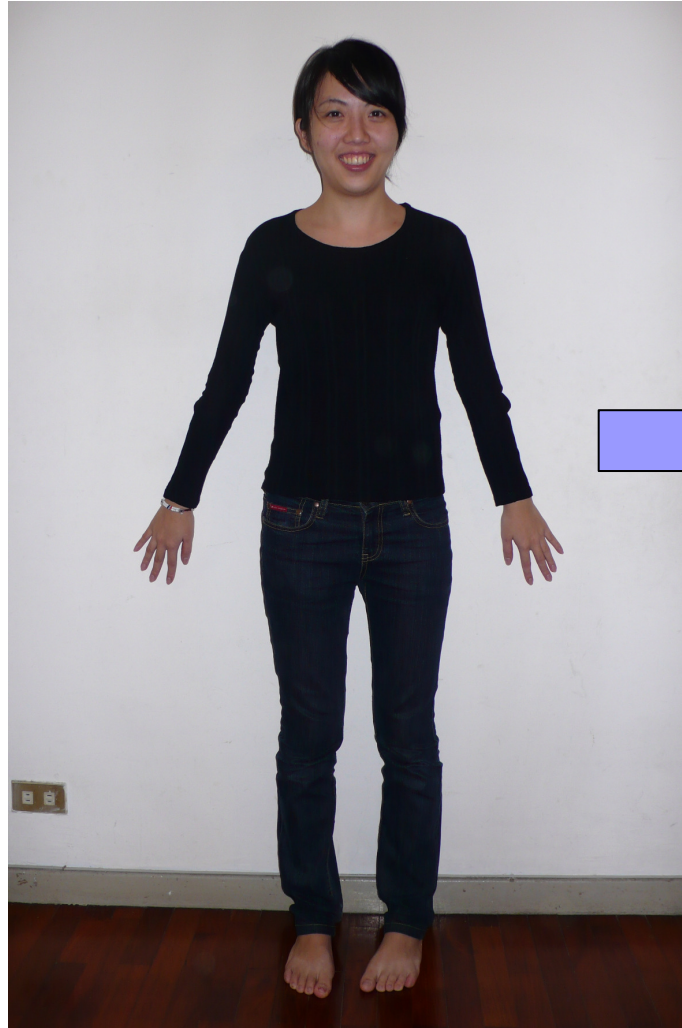


Image Retrieval



CBIR helps!

- CBIR helps us to put on the items we want!



CBIR still helps!

- Even when CBIR makes mistakes, it also recommends us with similar items we would want to try!



System Demo

