

CatchyAccount:

A System for Acquiring a Realistic Sense of Expenditures

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PURPOSE

Acquiring a Realistic Sense of Expenditures

We propose a new household accounting system for realistically sensing expenditures. Recently we often use some transactions such as credit card purchases and bank transfers are not accompanied by actual exchange. Therefore, it is difficult to have a realistic sense of expenditures when presented with numerical figures alone.

BACKGROUND

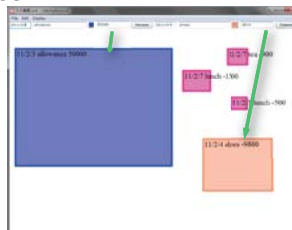
Problem of Bookkeeping

The daily task of bookkeeping tends to encourage people to focus details, that is, to adopt a micro-perspective. It is more important to have a macro-perspective and acquire a realistic sense of expenditures.

SYSTEM

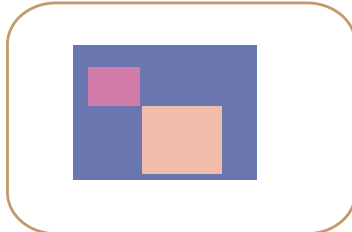
Areas are Proportional to Money Amount

The system visualizes expenditures through the display of rectangles whose areas are proportional to the amount of money spent.

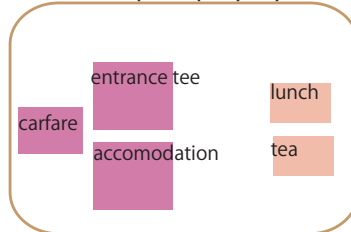


Selectable colors and positions
Reshapeable with same area size

Compare expenses to income



Relationship display by locations



Timeline

Timeline mode shows the context of expenditures.



AR Mode

When we think of large amount of money, we often imagine a wad of bills. In AR mode, real cash images appear in the camera view.

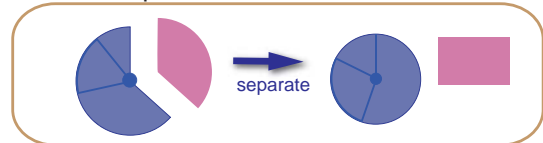


Combination and Separation

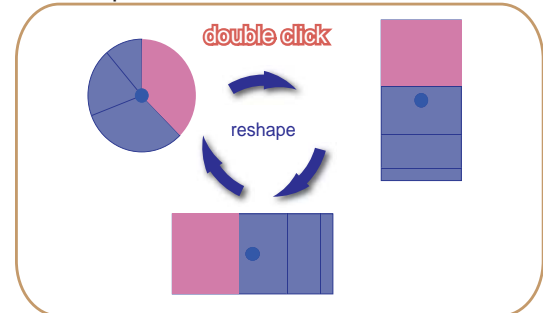
Combine by placing one piece to another



Cut off a piece from a combination



Reshape a combination



PROSPECTS

Augmentation of Cognition

We feel hungry when we don't eat anything. But we don't feel anything physically about lack of money. We proposed a visualization technique of money using rectangles and cash images. We will continue to discuss ways in which these interfaces may provide humans with a more "realistic" sense of expenditures.