INTERACTIVE MULTI-TOUCH ARTWORK DISPLAY

Shaocong (Scott) Mo & Michael Yao NICT June 29, 2012

PROJECT OVERVIEW

PART I-Educational Puzzle:

- Create an interactive interface showing 25 artworks from San Diego Museum of Art(SDMA)
- Behind each artwork is a jigsaw game which rewards the client with information about the artwork through audio/video upon completion of the puzzle

PROJECT OVERVIEW

PART II-Mobile Gallery:

- Create an interactive interface showing 25 artworks from San Diego Museum of Art (SDMA)
- Users can choose artworks from the touch table and transfer the information to their mobile devices
- With NICT's location based wireless system, users can retrieve information of their chosen artworks from their mobile devices when they are near the artworks

PROGRESS

- Changed the interface of the puzzle game from a ring type to interactive Sudoku-like tiles
- Basic layouts for both interfaces are set
- The puzzle is working properly with single touch
- The puzzle and the initial interface of the puzzle game are integrated together without openExhibits

NEXT WEEK

- Improve the layout of the puzzle
- Attempt to fix transition lags of the puzzle game
- Optimization
- Look into the Japanese API for the location based wireless system provided by NICT with the help from Shimojo-sensei

JAPANESE CULTURE

PEOPLE:

- People are amazingly polite and helpful OoO!
 - Cashiers bow and speak respectfully
 - Train entrance guard (I am not sure what you call them)
 picked up the forgotten ticket and ran to hand it back to
 my partner
 - Say itadakimasu (Let's eat!) before eating
 - Say gochisosama deshita (Thank you for the food), after eating

JAPANESE CULTURE

ENVIRONMENT:

Suburbia

• Amazing transportation system(punctual, pervasive, conditioning, and...a little bit expensive than the ones

in U.S.)

Beautiful surroundings

Isolated workspace



Where we work



On our way home(50 minutes walk) Huge clock in front of the ATR building



A surprised shot from Kaboyashi-san; Lunch in NICT(eating ramen) ^_^



Japanese 7-11 💂

JAPANESE CULTURE

FOODS:

- Delicious and special
- Little vegetables too bad for me(half vegetarian)
- Ramen and soba are wonderful; soups are great, too!
- Tried an uncooked shrimp, which was very creamy and sweet

ACKNOWLEDGEMENTS

UCSD

- Dr. Jason Haga
- Dr. Gabriele Wienhausen
- Dr. Peter Arzberger
- Teri Simas
- Jim Galvin
- Tricia Taylor

NICT

- Dr. Shinji Shimojo
- Masaki Chikama
- Yoshinori Kobayashi
- Takata Tomoaki

SDMA

Vivian Haga