



paper prototypes

- early engagement with users
 - the earlier the better... head off problems
 - better to engage before you even start!
 - minimise wasted development effort
- paper prototyping
 - user engagement with interface mock-ups
 - paper isn't interactive, so you have to be

preparation

- four things before you start
 - gather kindergarden supplies
 - heavy paper, index cards, tape, pens & markers, scissors
 - you'll need these *during* the session
 - a well worked-out design
 - you can't test what you haven't designed
 - you need a *detailed* understanding
 - a set of questions
 - what is your evaluation meant to determine?
 - a set of tasks
 - write these down
 - ensure that all users have the same starting-point

paper prototypes

- three parts to the model
 - the fixed components
 - the window frame, etc
 - the variable components
 - major components that will occur regularly
 - screens, dialog boxes, menus
 - the dynamic components
 - things based entirely on individual interaction
 - generated on the fly... so you need "blanks"

conducting the session

- the session
 - introduction
 - give some general background to the expected setting
 - introduce the task
 - again, do this **IN WRITING**

paper prototyping

- four roles
 - one person to facilitate
 - interact with the user -- *ONLY PERSON WHO SPEAKS!*
 - keep getting "output" from the user -- avoid pauses
 - "what are you thinking now?"
 - "what do you need to do next?"
 - one person to "be the interface"
 - respond to user input
 - simulate application logic

paper prototyping

- four roles
 - one person to manage resources
 - keeping interaction smooth is key
 - supply the person who's "being the interface"
 - manage existing resources
 - generate new ones
 - » input boxes, dialogs, menus, etc
 - one (or more) people to take notes
 - what the subject says
 - what the subject does
 - this is CRITICAL
 - what's the point of doing this if you can't learn from it?
 - the other people are too busy
 - most of what you learn, you learn in retrospect

conducting the session

- remember:
 - you're there to OBSERVE and LEARN
 - not to
 - laugh (this most of all!)
 - comment
 - criticise
 - guide
 - inform

important considerations

- other things to remember
 - you need to REALLY know your interface
 - can't go into this with a partial understanding
 - know what happens for every possible mouse-click
 - you can always generate new interface components
 - remember that paper can be layered...
 - figure out where precision is needed and where not
 - when "being" the interface, be no more or less
 - no extra hints
 - respond to what the user does, not what they SHOULD do

plan for tuesday

- we have 80 minutes
 - two blocks of 40 minutes
 - in each block, four teams test their interfaces
 - members of other teams are test subjects
 - ten minutes (max) per subject
 - five-six minutes is a better target
- need to be prompt!
 - we'll need all our time
- watch your email
 - may try to line up a better room to use

meantime...

- design plans?

next...

- Tuesday is paper prototyping
- After that, I want an interim report
 - three things
 - your design
 - paper prototyping experience
 - reflection and any design changes
 - around 5-10 pages (15 max)
 - say, one page per test subject, plus a couple of design outline and a couple of redesign considerations
 - show me *the alternatives you considered*
 - due in my email following Tuesday