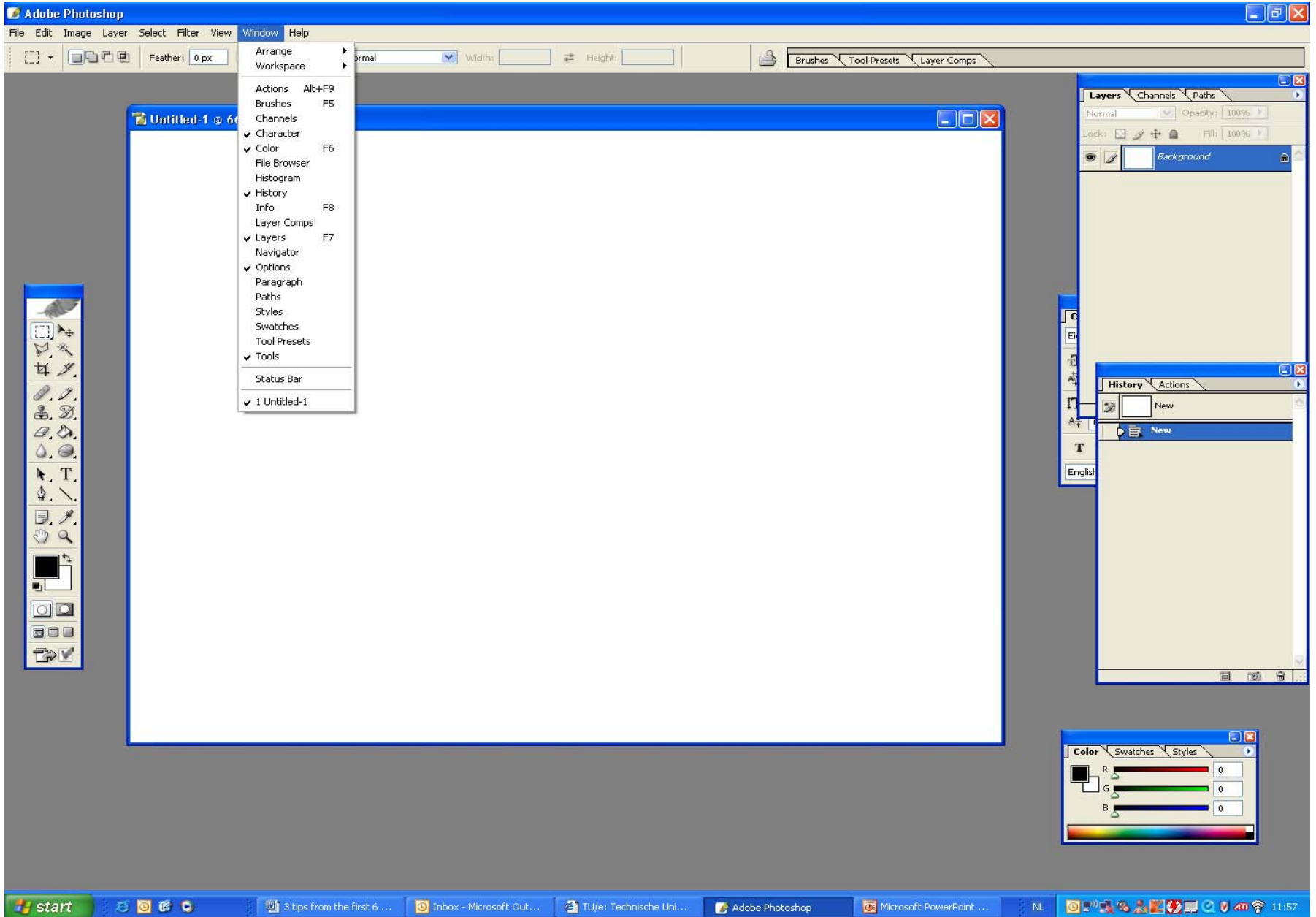


DA259

GUI: Soft & Sticky

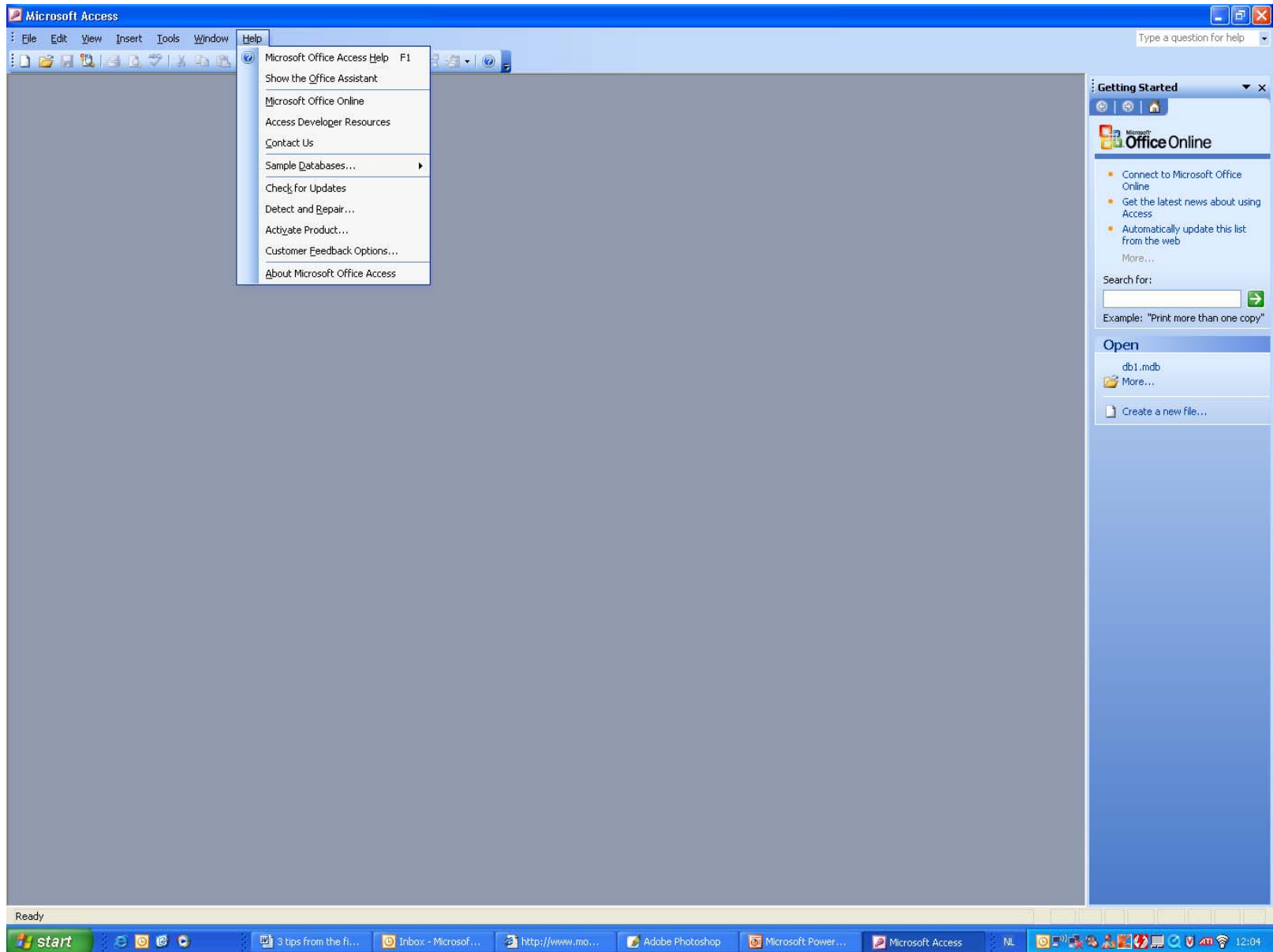
3 tips from the first 6 chapters of the book:
'User Interface Design for Programmers'

1. Don't be overly creative!





2. don't provide the user with too many options!



U bent nu klaar met bedrigen want u bent op de beenen.

€ 1000

€ 1000

€ 1000

€ 1000

€ 1000

€ 1000

€ 1000

€ 1000

3. When used with care, metaphors can be powerful tools that make the user act on intuition!





DA259 - Gooney: Soft and Sticky

Group 1 - Ali Düzenli - Marloes van Driel - Koen Bothmer - Joran Damsteegt

Presentation 2

User Interface Design for Programmers

Joel Spolsky
Chapters 7-12

Let the user decide.

Golden Tip 1

- Let the user decide what to do and when to do it.
- Software development: give the users a well-equipped and well-lightened kitchen to make their own masterpieces.
- Classic example: Microsoft wizards.



1

The screenshots show the checkout process on the Motosoom.nl website. The first screenshot shows the 'Factuurgegevens (stap 1 van 4)' form, the second shows the 'Betaalwijze (stap 2 van 4)' form, and the third shows the 'Samenvatting van je bestelling (stap 3 van 4)' summary page.

Factuurgegevens (stap 1 van 4)

☐ Dhr. ☒ Mevr.

voornaam: Arie
achternaam: Neppert
voorvoegsels:
land: Nederland
postcode: 3255 TT
straat: Wegaplein
plaats: OUDE-TONGE

contactgegevens
telefoonnummer: 06123 456789
emailadres: maarnietheus@hotmail.com

Bezorgwijze: (maak een keuze)

*verplichte velden
** mobiel nummer 06xxx-xxxx

Betaalwijze (stap 2 van 4)

Ik betaal op de volgende wijze:

☐ creditcard
☐ machtiging
☐ verzending onder rembours
☒ iDeal betaling

Betalen met uw creditcard kost 4,95.
Betalen met een éénmalige machtiging kost 0,40.
Betalen aan de postbode kost 3,95.
Betalen met iDeal is gratis. U dient beschikking te hebben over internet bankieren bij ABN Amro, Postbank of Rabobank.

Samenvatting van je bestelling (stap 3 van 4)

| omschrijving | bestelnr. # | van | voor | sub |
|--|-------------|-------|-------|-------|
| Motor EHBO tasje supercompact | 12002120 1 | 13,95 | 11,95 | 11,95 |
| AS Zinkspray | 12004284 1 | | 11,95 | 11,95 |
| totaal aan bestelde producten | | | | 23,90 |
| afhandelingskosten (totaal bestelde producten < 45,00) | | | | 1,95 |
| (retourzendingen tot 3000 gram) | | | | 4,95 |
| | | | | 0,40 |
| | | | | 31,20 |

factuuradres: Wegaplein 2, 3255 TT OUDE-TONGE, Nederland
verzendsadres: zie factuur adres

controleer de bestelling en klik vervolgens op 'betaal bestelling' om je betaalgegevens te completeren.

BETAAL BESTELLING

Let the user decide.

Golden Tip 1

2



Design for the worst conditions.

Golden Tip 2

- Design for extremes so that your product can be used under extreme condition.
- Design for extremes so that your product is more comfortable to use under normal conditions.
- Design for people who can barely see, who are almost deaf, who are distracted by 10 different things at once, who have never seen anything like your product before and who have absolutely no interest in learning how they should use it.

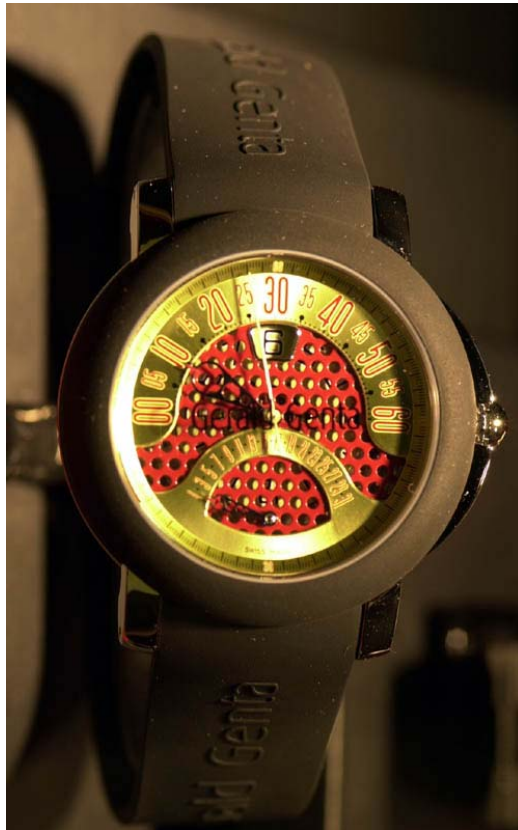
1



Design for the worst conditions.

Golden Tip 2

2



Users suck.

Golden Tip 3

- People can't read.
- People can't remember.
- People can't use the mouse.

1



Users suck.

Golden Tip 3

2

```
Microsoft Windows XP [Version 5.1.2600]
(C) Copyright 1985-2001 Microsoft Corp.

C:\Documents and Settings\Toby>cd "C:\Documents and Settings\Toby\Desktop\New Folder"

C:\Documents and Settings\Toby\Desktop\New Folder>dir
Volume in drive C has no label
Volume Serial Number is A82C-0DD5

Directory of C:\Documents and Settings\Toby\Desktop\New Folder

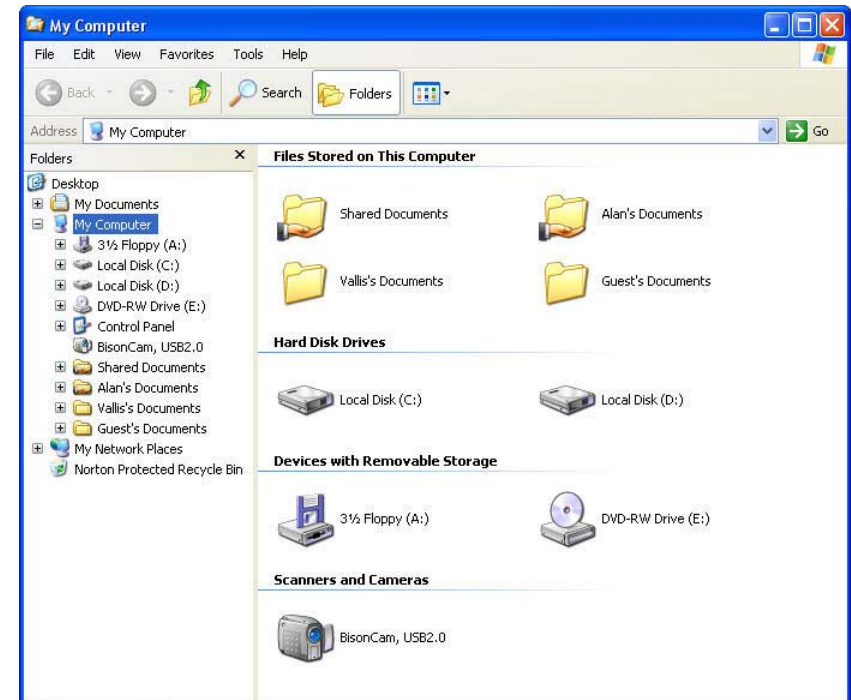
19/03/2006  02:33 AM    <DIR>          .
19/03/2006  02:33 AM    <DIR>          ..
28/07/2004  11:59 PM             29,755  icobundl.exe
28/07/2004  11:59 PM             26,576  icocheck.exe
27/02/2006  02:15 PM             1,886  mn2slogo2.ico
27/02/2006  02:15 PM             3,262  mn2slogo32.ico
27/02/2006  02:15 PM            12,862  mn2slogo64.ico
               5 File(s)              74,341 bytes
               2 Dir(s) 19,058,761,728 bytes free

C:\Documents and Settings\Toby\Desktop\New Folder>icobundl -o combined.ico *.ico

mn2slogo2.ico
# 0: 24 x 24, 24 bits/pixel
mn2slogo32.ico
# 0: 32 x 32, 24 bits/pixel
mn2slogo64.ico
# 0: 64 x 64, 24 bits/pixel
mn2slogo2.ico
mn2slogo32.ico
mn2slogo64.ico
Bundled 3 icons from 3 input files.

C:\Documents and Settings\Toby\Desktop\New Folder>icocheck combined.ico
combined.ico
ICONDIRENTRY[ 0] @ 54 : biwidth = 24 biHeight = 24*2 biPlanes = 1 biBit
Count = 24 biClrUsed = 0
ICONDIRENTRY[ 1] @ 1918 : biwidth = 32 biHeight = 32*2 biPlanes = 1 biBit
Count = 24 biClrUsed = 0
ICONDIRENTRY[ 2] @ 5158 : biwidth = 64 biHeight = 64*2 biPlanes = 1 biBit
Count = 24 biClrUsed = 0

C:\Documents and Settings\Toby\Desktop\New Folder>
```





DA259 - Gooney: Soft and Sticky

Group A - Koen Bothmer - Joran Damsteegt - Ali Düzenli - Marloes van Driel

User Interface Design for Programmers

Joel Spolsky
Chapters 13-18

User testing

- In theory there is no difference between theory and practice. In practice there is.
- Heuristics: A good heuristic is obvious, easily undone, and extremely likely to be correct. Others are annoying.

Golden tip 1

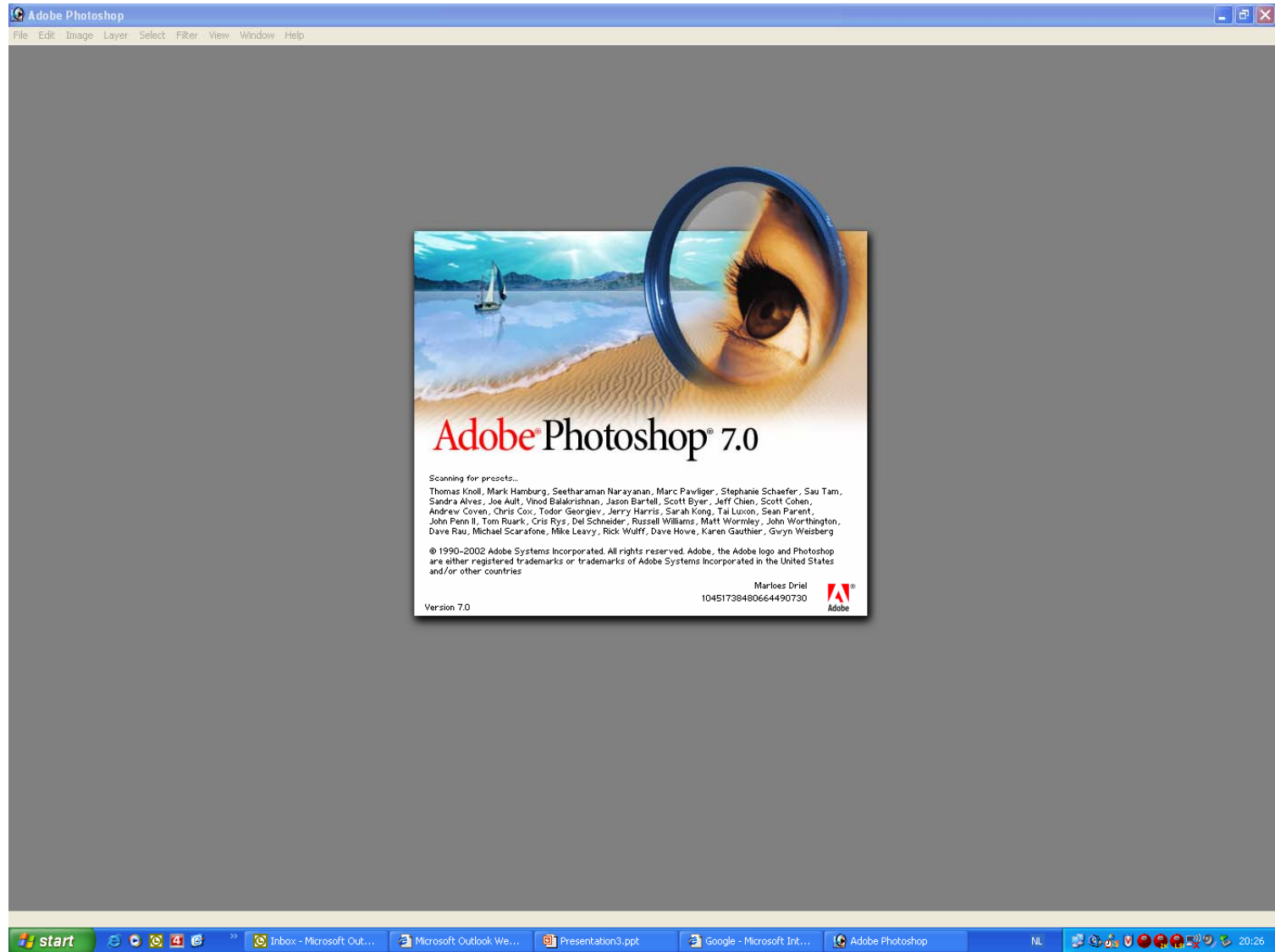
Understand UI time warps (respond immediately to user's request)

- Good example

Starting up Adobe programs: window with text changing – show loading process

- Bad example

online sms server – typed message does not disappear after 'send'

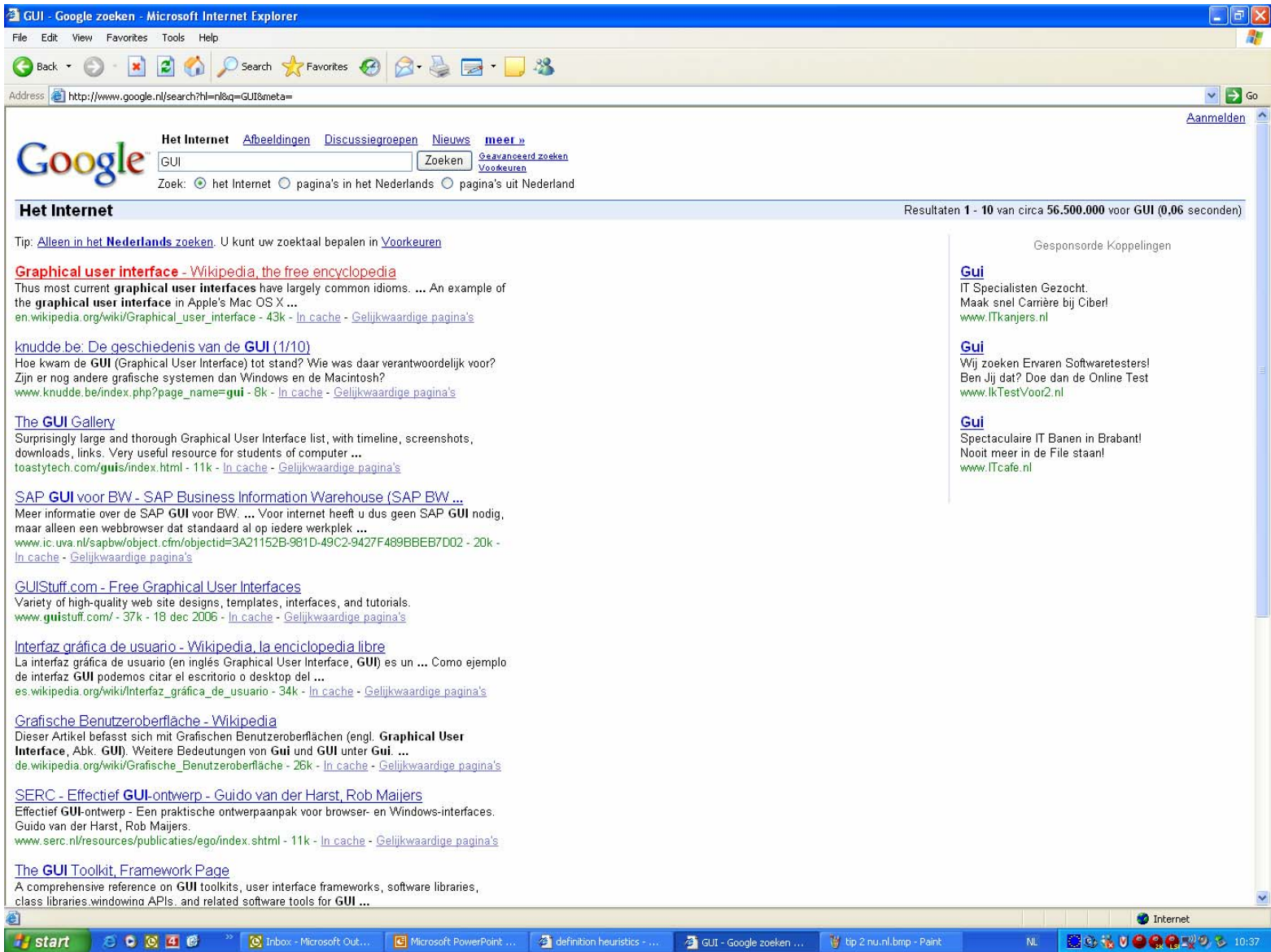


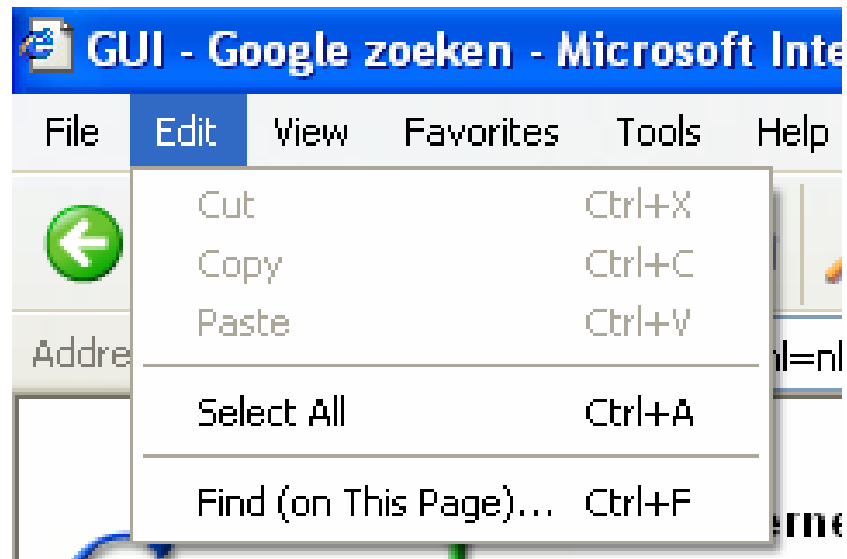
Golden tip 2

Use colour to distinguish, not to code

- Bad example 1 www.nu.nl different colours for separate topics
- Good example 1
Visited website other colour
- Good example 2
Options that are not available grey



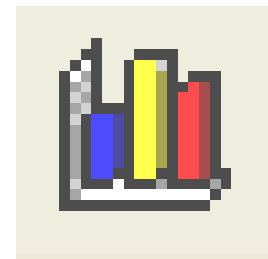




Golden tip 3

Icons – no verbs!

- Bad example 1
‘Copy’ icon
- Bad example 2
Refresh button
- Good example
blabla



Questions?

GOOEY: Soft & Sticky

Group A

Joran Damsteegt – Koen Bothmer – Marloes van Driel - Ali Düzenli

Website

- www.sabinevanbuuren.nl
- No tabs
- Buttons unclear
- No navigation
- Tiny text

Improvements

- Use tabs
- Make clear what is clickable
- Navigation
- Let users choose which information they get to see
- Show purpose of website

Other improvements (not used)

- Hierarchy (important things prominently present)
- Extra navigation with text

Golden Tips

- Use Tabs – Stop Make Me Think
- Let people know where they are – Stop Make Me Think
- Reduce Jumping (not too many steps) – Organizing Content & Navigation
- Make obvious what is clickable – Don't Make Me Think
- User clear names - Don't Make Me Think
- Don't use too many focal points – Designing Interfaces
- Functionality through direct manipulation – Designing Interfaces
- Let the user decide- what to do and when – User Interface Design For Programmers