

User Interface Design

for Software Engineers

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Why UI is important



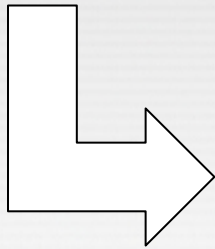
#1 Factor: Aesthetics

**An application is
only as good as its
interface**

Three Lessons About Users

- 1 Users are stupid.
- 2 Users are scared.
- 3 Users don't read.

Predict how the user will act



Design accordingly

Program Model

what actually happens

=

User Model

what the user thinks
will happen

Define The Application

Who is the
target audience?

What is their
usage scenario?



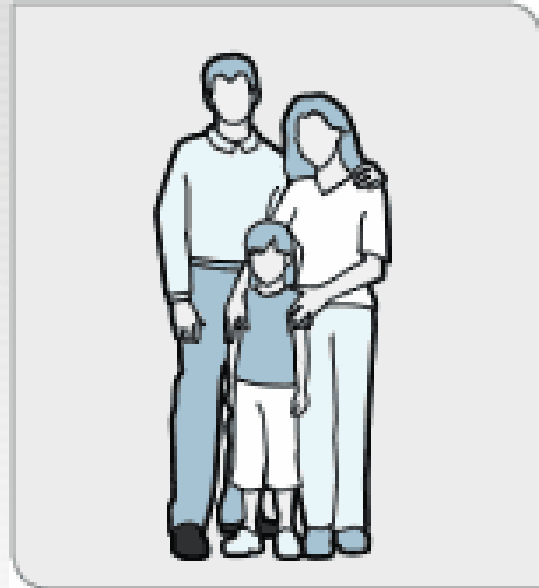
What are the
similar applications?



Draw It!

Habituation

- What apps have they used?
- What apps are similar?



Habituation



Stick to Standards



A word about...

Options & Preferences

Using Text

Options & Preferences



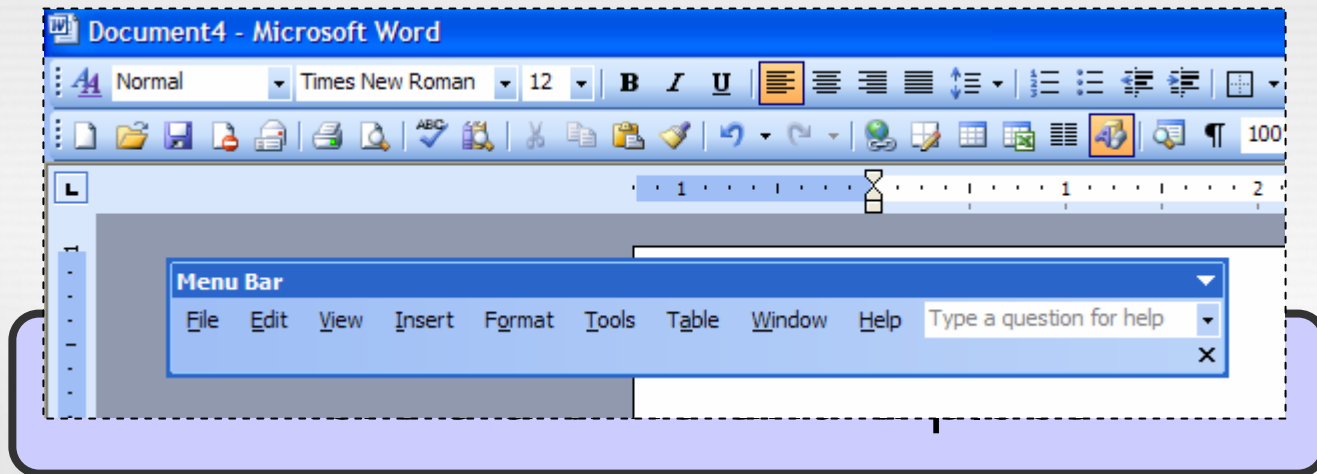
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- + Lets the user configure the app to their liking
 - + *Can* help the user be more productive

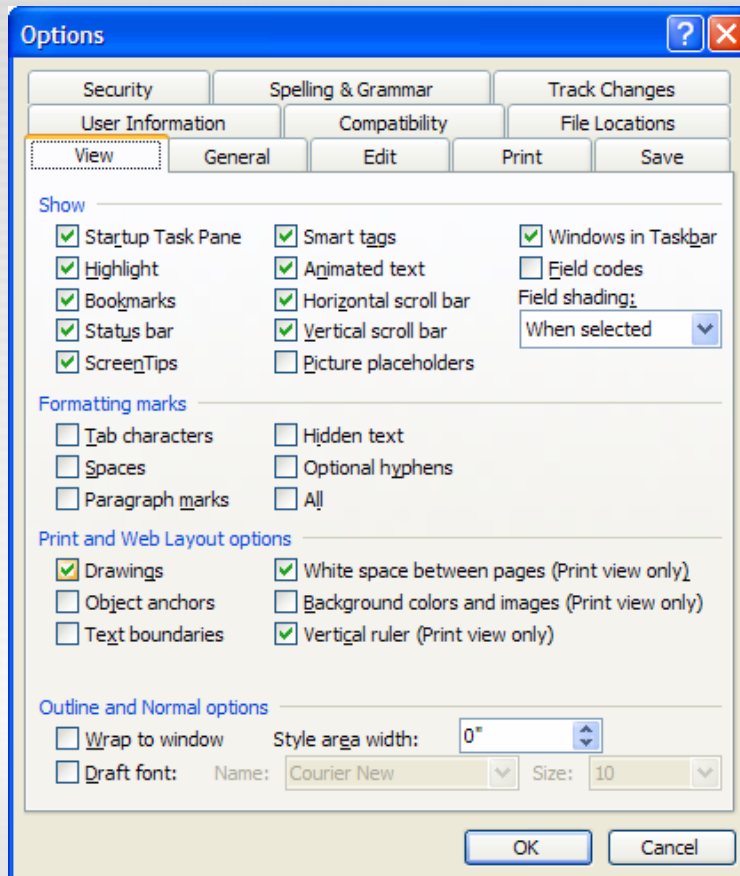


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- Can confuse users
 - More to test, more to fail

There's a time and a place

This is neither...

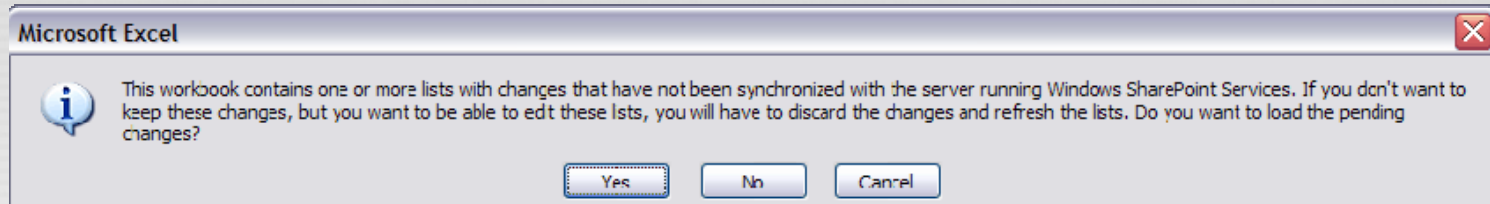




Using Text

Shorter = Better

Using Text



This workbook contains one or more lists with changes that have not been synchronized with the server running Windows SharePoint Services. If you don't want to keep these changes, but you want to be able to edit these lists, you will have to discard the changes and refresh the lists. Do you want to load the pending changes?

Yes

No

Cancel

Stick to Standards

Knowtion Net

File View Help

Input

Click here to search

Project Technology

Title: Start: End:

Overview

MailAssist is an application for accessing and interacting with a personal computer via email messages. Many people often find a need interact with their home/office computer from a remote location. Some of these people employ tools such as synchronization utilities and remote desktop software such as VNC to access their data remotely. MailAssist is more flexible, more open ended, and less complex than these solutions; synchronization software falls short when you need a file that hasn't been scheduled to synchronize.

Employees

Name	Description
Bill Simpson	Worked on the Gmail interaction
Buckley Hill	Built the MailAssist engine

Documents

Name	Description
Overview.pdf	An overview of the main features of ...
Protocols.cs	The methods used to access differe...
Introduction.doc	An introduction to MailAssist
WebAccess.js	The web scripting features.

Technologies

Name	Description
C#	A .NET programming langua...
ASP.NET	A server side compiled progr...
JavaScript	Has nothing to do with Java

Home

Search

View

Input

Settings

Log Out

Knowtion Net - Brandon & Wesley Rosenblum

