

Week 2

Designing the user interface

Part II. Guidelines for user interface design

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Guidelines for user interface design



- There are many guideline sets
- Ben Shneiderman's 8 golden rules
 1. Strive for consistency

Reading assignment



Read "*The Eight Golden Rules of Interface Design*" available on Blackboard under *Course content* > *Week 2*

Strive for consistency

1

2

3

Question



How can the consistency guideline be used to take advantage of the user?



Answer

Since consistency boosts learnability we may unintentionally click on a button we don't want to.

Guidelines for user interface design



- There are many guideline sets
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 1. Strive for consistency
 2. Seek universal usability

Reading assignment



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Seek universal usability

- Users
 - Abilities
 - Age
 - Skills
- Devices
 - Assistive technology
 - Wearable > Mobile > Desktop > Large display
- Situations
 - On the move
 - Weather
 - Under stress



Reading assignment



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Guidelines for user interface design



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 1. Strive for consistency
 2. Seek universal usability
 3. Offer informative feedback

Reading assignment



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Offer informative feedback

- Say what happened and why
- Suggest a next step
- Find the right tone

Question

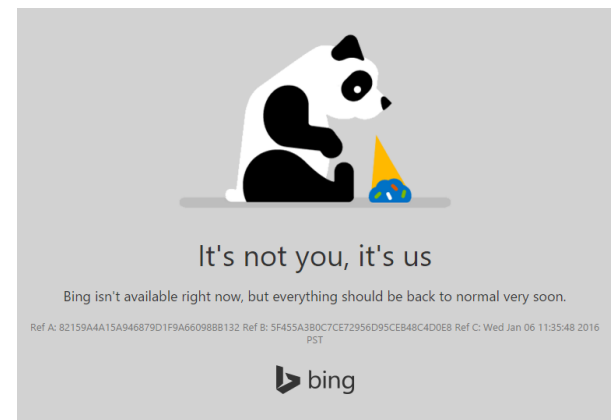
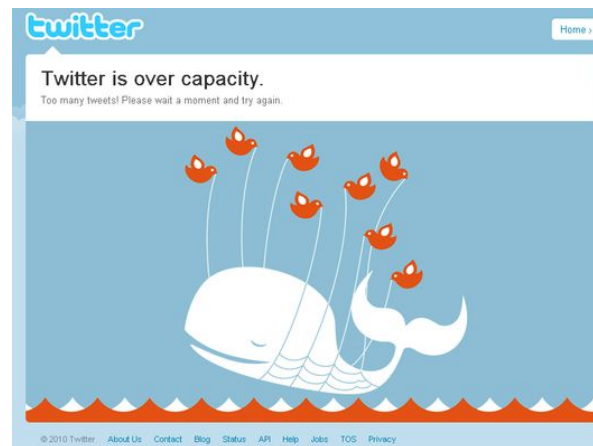
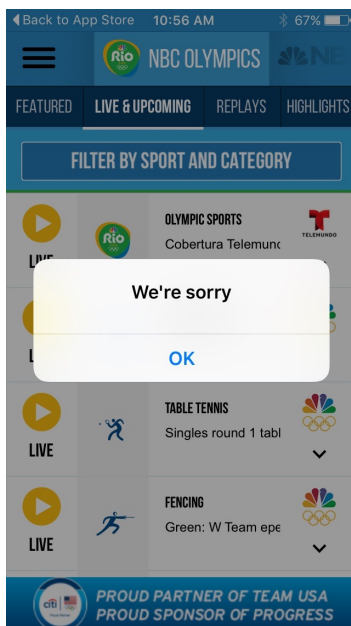


Which dialogues offer informative feedback?



Answer

Bing and Twitter as they address the bullet points in this slide.



Guidelines for user interface design




- There are many guideline sets
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 1. Strive for consistency
 2. Seek universal usability
 3. Offer informative feedback
 4. Design dialogues that bring closure

Reading assignment



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Design dialogues that bring closure

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
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
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Guidelines for user interface design



- There are many guideline sets
- Ben Shneiderman's 8 golden rules
 1. Strive for consistency
 2. Seek universal usability
 3. Offer informative feedback
 4. Design dialogues that bring closure
 5. Prevent errors

Reading assignment



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Prevent errors

From

Fri, Feb 10 2014 ▼ 7:30 PM ▼

Date occurs in the past

To

Fri, Feb 10 2014 ▼ 11:30 PM ▼

Date occurs in the past

Question



How would you improve further this user interface?



Possible answer

Preventing users from selecting dates in the past.

Guidelines for user interface design



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 3. Offer informative feedback
 4. Design dialogues that bring closure
 5. Prevent errors
 6. Permit easy reversal of actions

Reading assignment



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Permit easy reversal of actions

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Extra

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Guidelines for user interface design



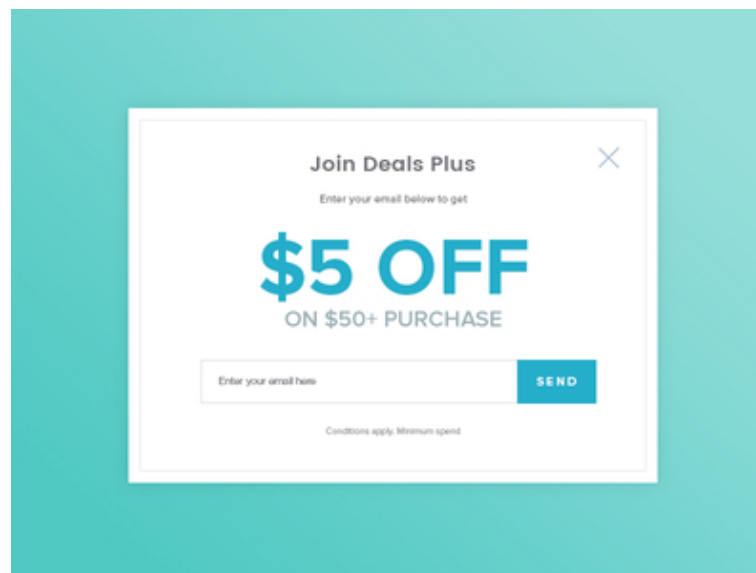
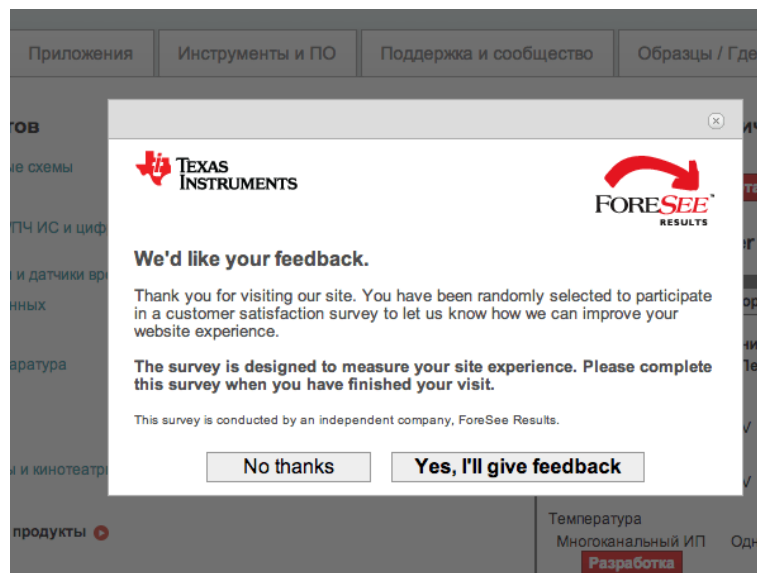
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 5. Prevent errors
 6. Permit easy reversal of actions
 7. Keep users in control

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Keep users in control



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 4. Design dialogues that bring closure
 5. Prevent errors
 6. Permit easy reversal of actions
 7. Keep users in control
 8. Reduce short-term memory load

Reading assignment



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Reduce short-term memory load



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If you have any problems or questions, please contact support.

Question

How would you fix these?



Possible answers

Left: grouping similar functionalities so content is disclosed on demand.

Right: by splitting the form in smaller chunks and removing those fields that are not compulsory