CS3724 Human-computer Interaction

User Interaction
Design Guidelines
Exercises

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What’s Wrong With This Picture?

- What interaction design guideline(s) does each of these situations violate?
  - This message appears 5 seconds after the user issues a web search command (assume quick communications performance):
What’s Wrong With This Picture?

- A field in a form for a web-based inventory control system has this label:
What’s Wrong With This Picture?

- The user clicks on the sort button and gets this message:

```
Data file cannot be sorted while it is open. To sort, first close the file.
```

[Image of a dialog box with a red 'X' and the message above]
What’s Wrong With This Picture?

- This layout is used on a web order form:

<table>
<thead>
<tr>
<th></th>
<th>(1)</th>
<th>(2)</th>
<th>(3)</th>
<th>(4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PART NO</td>
<td><strong><strong>-</strong></strong>___</td>
<td><strong><strong>-</strong></strong>___</td>
<td><strong><strong>-</strong></strong>___</td>
<td><strong><strong>-</strong></strong>___</td>
</tr>
<tr>
<td>QTY</td>
<td>______</td>
<td>______</td>
<td>______</td>
<td>______</td>
</tr>
<tr>
<td>PRICE</td>
<td><strong><strong>-</strong></strong>__</td>
<td><strong><strong>-</strong></strong>__</td>
<td><strong><strong>-</strong></strong>__</td>
<td><strong><strong>-</strong></strong>__</td>
</tr>
</tbody>
</table>
What’s Wrong With This Picture?

- This is an exchange between an email user and the email system:
  Date: 17 March 2001 23:25 edt
  From: HixD, CSDMS
  Subject: errors
  To: HartsonHR, CSDMS
  
  Rex, I seem to be having some difficulty getting out of the mail system -- can you help me?

  --- (2) ---
  read_mail: e
  Error: out_of_bounds at abbrev$abbrev_1366
 (>system_library_standard bound_full_cp_)
 referencing !BBBJLQBMBjWFB, temp.j03471777777
 (in process dir)
  Attempt to access beyond end of segment.
  ok
What’s Wrong With This Picture?

- A “help” screen contains this information on the system’s “help” facility:

The comma key on the minikeypad is the HELP key for forms. While in the ABC-Style Editor and Calendar, use PF2 for HELP; use "H" for HELP while in the Desk Calculator; use the "gold" key plus and "H" key while using the XYZ-Style Editor. ...By the way, if you need help creating a document, it is better to be in the Word Processing Menu when you press HELP rather than in the main menu.... It is a good idea to remember the location and purpose of each key mentioned above.
What’s Wrong With This Picture?

- This web form is used by the Human Resources Department.
What’s Wrong With This Picture?

- The following dialogue box appears:
What’s Wrong With This Picture?

- The following dialogue box appears:
What’s Wrong With This Picture?

- The following dialogue box appears:
What’s Wrong With This Picture?

- The following dialogue box appears:

```
Completely erase disk named "document 1" (Internal drive)?
```

[Image: Dialogue box with options: Cancel, Eject, Initialize]