

Step 13: Sample Data Analysis ⁱ

* Examples for chapters 10, 13 and 16 are related.

Data Analysis	
Problems	Solutions
<p>1. Cue to scan seems insufficient (up to 4 subjects in 13 of 17 potential scan interactions).</p>	<ul style="list-style-type: none"> - Have push buttons, such as “Find Property,” “Enter Property,” that bring up dialog boxes prompting to scan – directly scanning can be a shortcut, noted in secondary pop-up message dialog boxes. - In dialog boxes, let scan fields have a dialog box widget (leader dots) that brings up dialog box prompting to scan, with pop-up notice of shortcut to scan directly when cursor in field.
<p>2. Users just don’t get the “Property Group” concept or icon/controls.</p>	<ul style="list-style-type: none"> - Icon needs to look more like interactive controls - Better wording on buttons and icon dialog boxes - Maybe people icon on buttons and visuals in dialog boxes - People names in context area (vs. title bar) - More prominent people names on icon - More salient cues tying icon to Group window
<p>3. Users ignore Quantity field (almost universal) – and when they get it later, still enter wrong quantity when multiple items in one envelope.</p>	<ul style="list-style-type: none"> - Provide more specific options in Property Category pull-down (e.g., radio). - Somehow allow multiple line items per envelope at high-level entry (maybe “Enter Property” button with dialog box can solve this by allowing to rescan envelope adding to-but then need way for shortcut. - I guess rescanning existing envelope could allow you to add something to it. - Relocate in line, so not confused with line number on traditional form. - Maybe include system-generated line numbers, as this is what some thought QTY field was. - Better label of QTY field.

ⁱ Mayhew, Deborah J.(1999), The Usability Engineering Lifecycle, p. 271