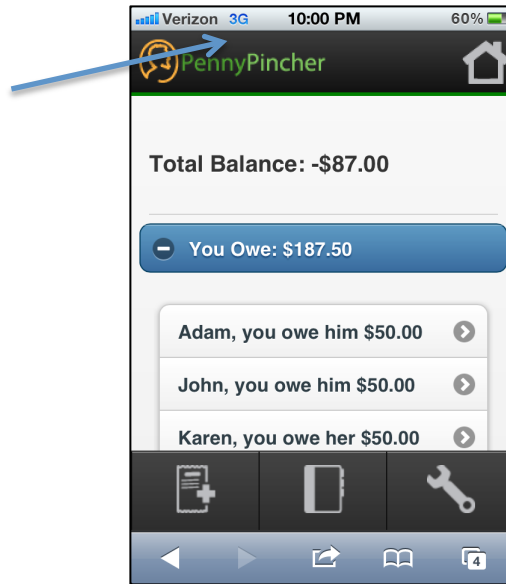


HW2: Heuristic Evaluation of PennyPincher

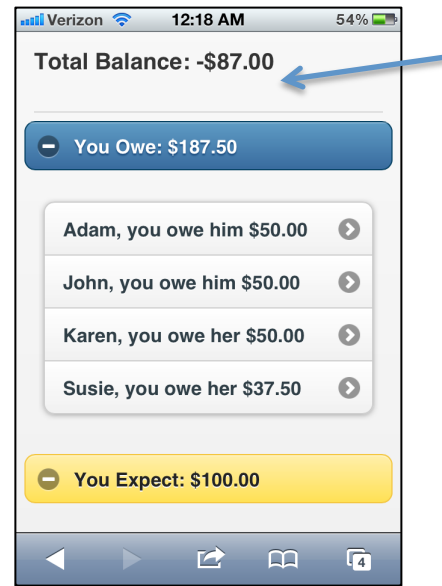
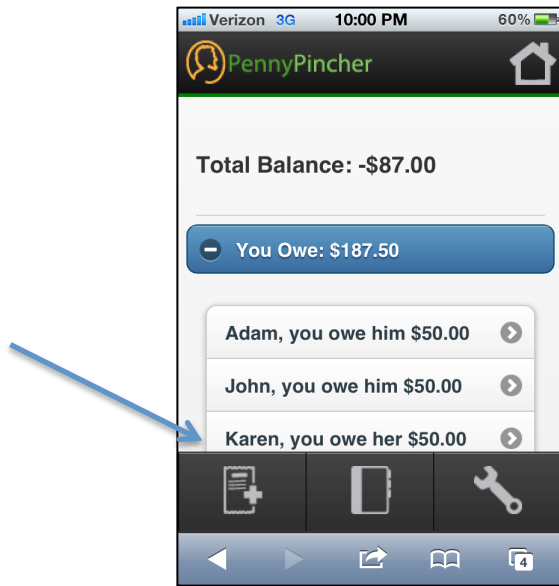
Initial Load



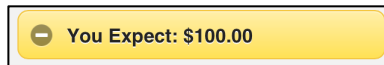
- Feature – Hide the address bar
 - Heuristics – Minimalist design; Consistency & standards
 - Severity – Good
- Problem – Initial action is unclear
 - Heuristics – Help & documentation; Visibility of system status
 - Severity – Major
 - Suggestion – The interface is very uniform, highlight what is most important or the typical first step



- Problem – Add transaction button has poor scent
 - Heuristics – Recognition, not recall
 - Severity – Cosmetic

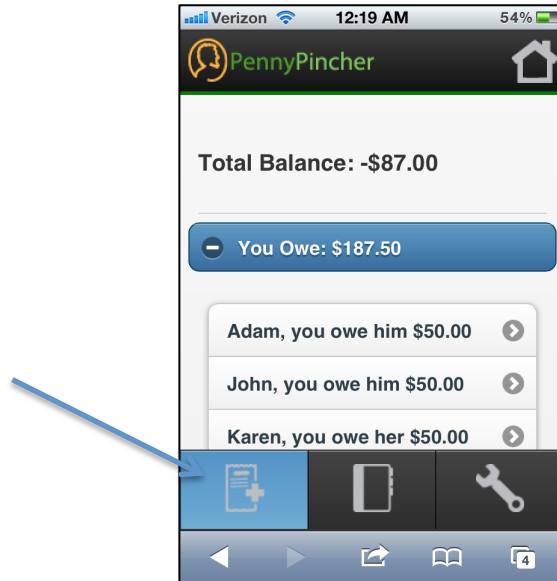


- Problem – Not clear how much data is hidden (see left screenshot)
 - Heuristics – Visibility of system status
 - Severity – Minor
 - Suggestion – Consider how the page looks without the navigation elements. There may be too much screen real estate between “Total Balance” and the faint horizontal line (see right screenshot)

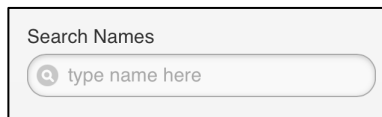


- Problem – “You Expect” button doesn’t seem to reveal new information
 - Heuristics - Visibility of system status; Flexibility & efficiency
 - Severity – Cosmetic
 - Suggestion – Clicking the “You Expect” bar should cause the screen to scroll to reveal the list underneath

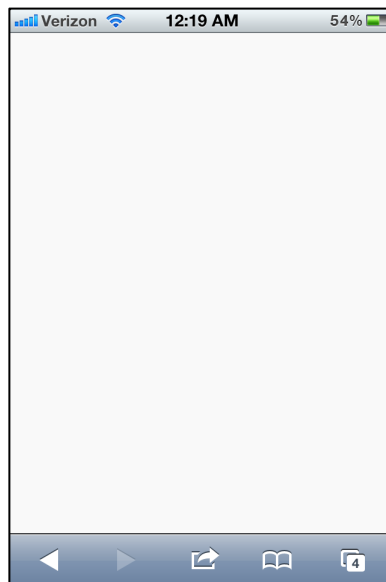
Add Transaction Page



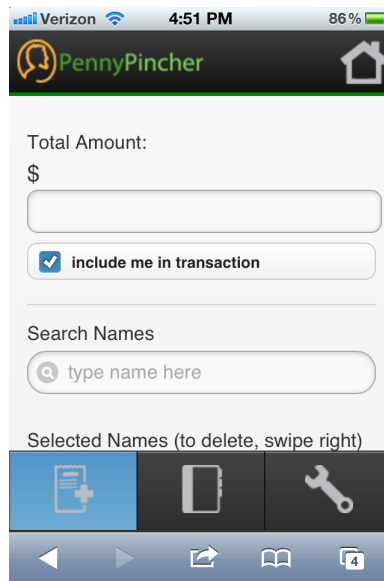
- Feature – Add transaction button feedback (the button animates to blue)
 - Heuristics – Visibility of system status; Recognition, not recall
 - Severity – Good



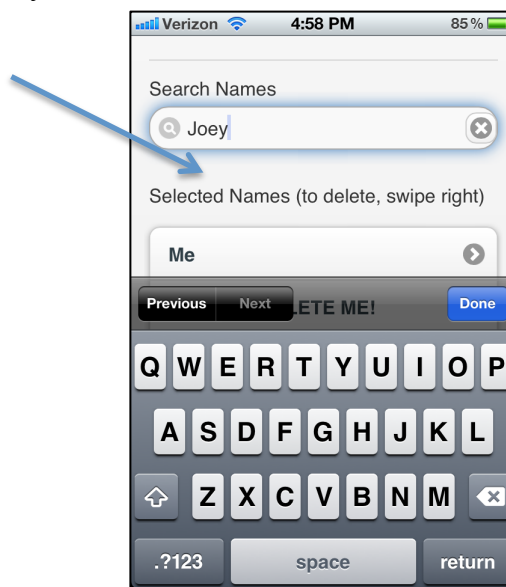
- Feature – Search box icon provides strong scent, along with title text and faded help text
 - Heuristics – Recognition, not recall
 - Severity – Good



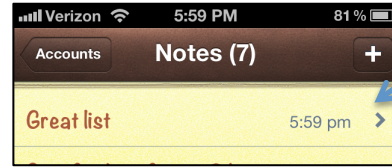
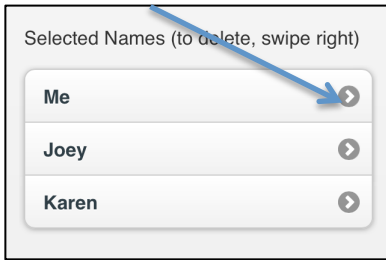
- Problem – Interface cuts to white and then quickly fades in when switching pages
 - Heuristics – Flexibility & efficiency; Visibility of system status
 - Severity – Cosmetic



- Problem – Strange alignment of “\$” sign and “Total Amount” input field
 - Heuristics – Aesthetic; Match the real world
 - Severity – Cosmetic

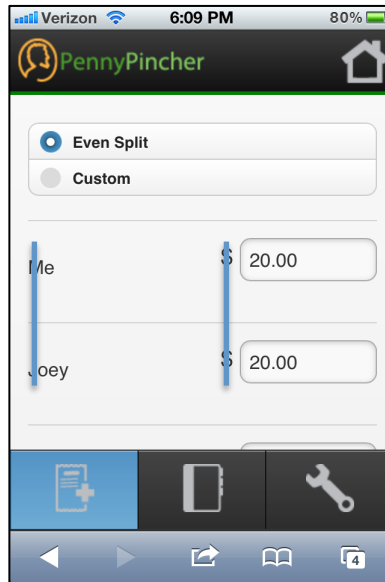


- Problem – No feedback (i.e. autocomplete) on “Search Names” field. The blue arrow on the above screenshot indicates where an autocomplete dropdown is expected
 - Heuristics – Help & documentation; Efficiency
 - Severity – Major

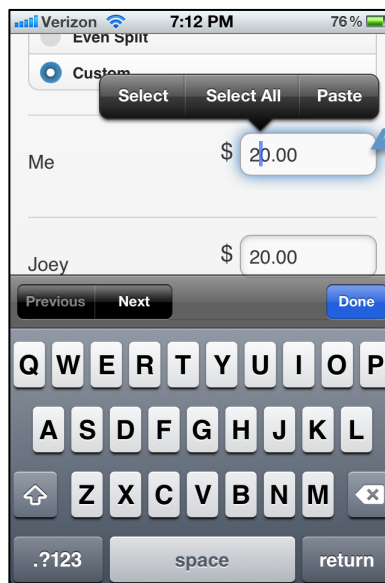


- Problem – Arrow icon on “Selected Names” list is inconsistent with iOS interface. Generally you can click on an item to drill down further, as shown on the screenshot from the Notes application on the right
 - Heuristics – Consistency & standards
 - Severity – Minor

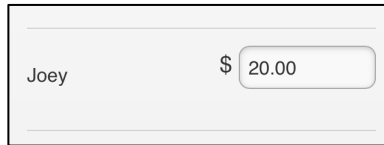
Split Transaction Page



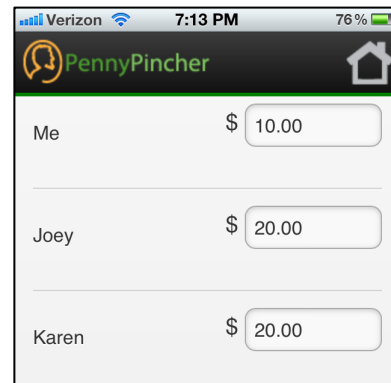
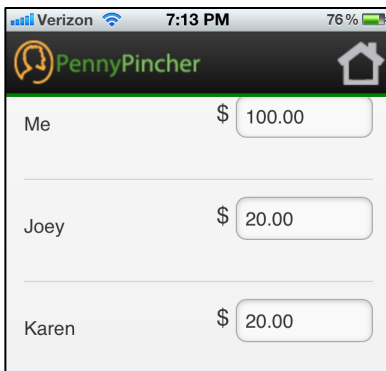
- Feature – Consistent horizontal alignment
 - Heuristics – Consistency & standards; Aesthetic
 - Severity – Good



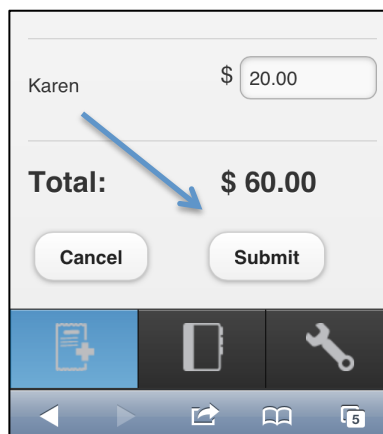
- Feature – Blue highlighting around text input
 - Heuristics – Consistency & standards; Visibility of system status; Error prevention
 - Severity – Good



- Problem – Non-centered vertical alignment
 - Heuristics – Aesthetic
 - Severity – Cosmetic
- Problem – No way to change total on Split Transaction page
 - Heuristics - Flexibility & efficiency; User control & freedom
 - Severity – Major



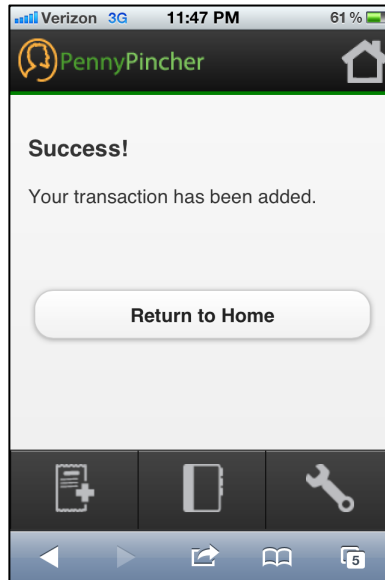
- Problem – No feedback on incorrect values
 - Heuristics – Error prevention; Help & documentation
 - Severity – Major
 - Suggestion – Red highlight around illogical values; Additional feedback that the values do not sum to the correct amount



- Problem – Buttons are aligned with table cells

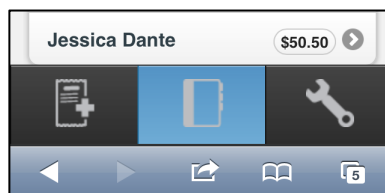
- Heuristic – Aesthetic; Match the real world (“Cancel” shouldn’t be associated with “Total” via alignment)
- Severity – Cosmetic
- Suggestion – Center the buttons

Success! Page

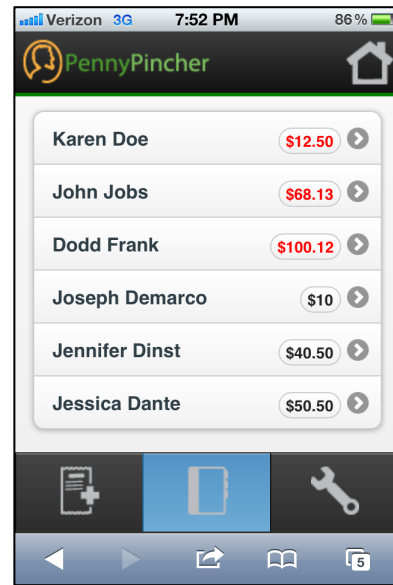
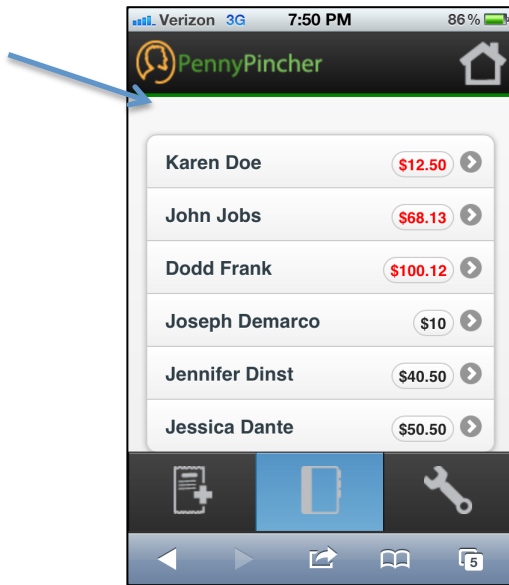


- Problem – Unnecessary page and button click
 - Heuristics – Flexibility & efficiency; Minimalist design
 - Severity – Minor
 - Suggestion – Incorporate feedback on “Home” page (e.g. have a section at the top of the page notifying the user that the transaction was successfully added)

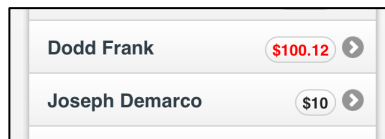
Log Page



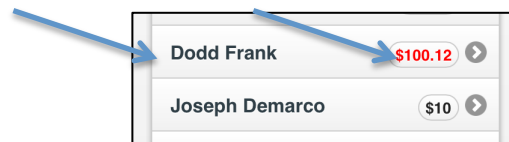
- Feature – Easy to return to this page after clicking on one of the people in the list via the large central button
 - Heuristics – Error recovery
 - Severity – Good



- Problem – Page is scrolled down too far
 - Heuristics – Aesthetic
 - Severity – Cosmetic
 - Suggestion – See screenshot on right. It should be possible to set the amount of scroll using JavaScript

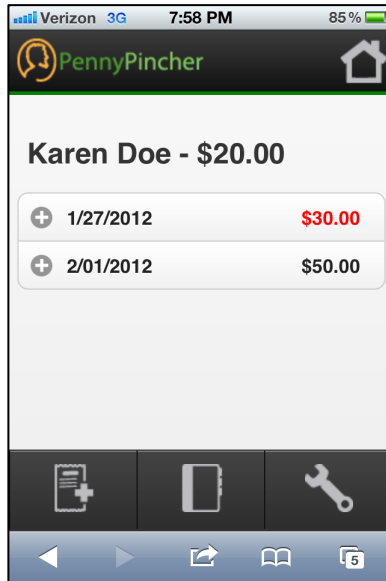


- Problem – Use of red/black colors is unclear—what is the meaning of the different colors?
 - Heuristics – Help & documentation; Aesthetic
 - Severity – Minor
 - Suggestion – It might make more sense to have a small minus sign to indicate that the user owes someone else money

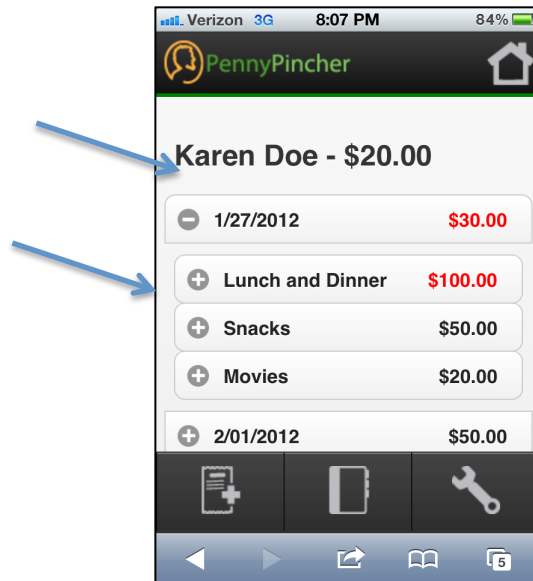


- Problem – Page feels cluttered due to excessive borders and fills
 - Heuristics – Aesthetic & minimalist design
 - Severity – Minor
 - Suggestion – Remove the inner border around the dollar amounts

Log Detail Page



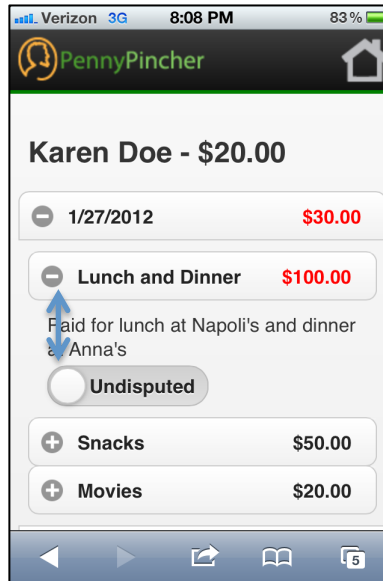
- Feature – Initially clean page with plenty of whitespace
 - Heuristics – Minimalist design
 - Severity – Good



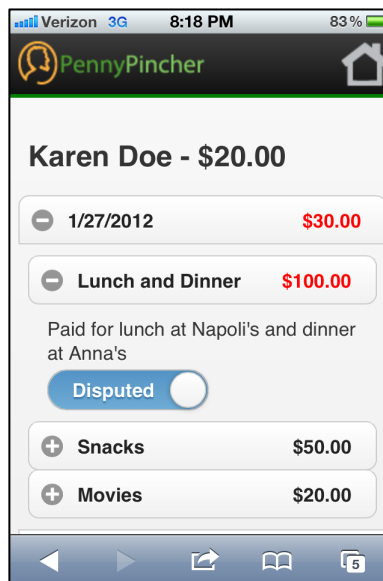
- Feature – Drilling into a section also leaves a decent amount of whitespace (see below for potential problem)
 - Heuristics – Minimalist design
 - Severity – Good



- Problem – Square corners clash with rounded corners
 - Heuristics – Aesthetic
 - Severity – Cosmetic
- Problem – Mix of whitespace and borders (with fill) to organize information makes the page feel more cluttered
 - Heuristics – Help & documentation; Aesthetic & minimalist design
 - Severity – Minor
 - Suggestion – Remove borders where possible and try to take advantage of more whitespace



- Problem – Left alignment of “Undisputed” slider clashes with “-” icon above
 - Heuristics – Aesthetic & minimalist design
 - Severity – Cosmetic
 - Suggestion – Center this slider



- Problem – Minimal feedback from “Undisputed” slider
 - Heuristics – Aesthetic & minimalist design
 - Severity – Visibility of system status; Error reporting
 - Suggestion – Will Karen be notified that the charge is disputed? Some kind of pop-up describing what happened would be useful

Summary

This is a strong prototype. There are some opportunities to improve the UI by carefully looking at small details, but most of the layout is effective. Please let me know if you have any questions. Thanks!