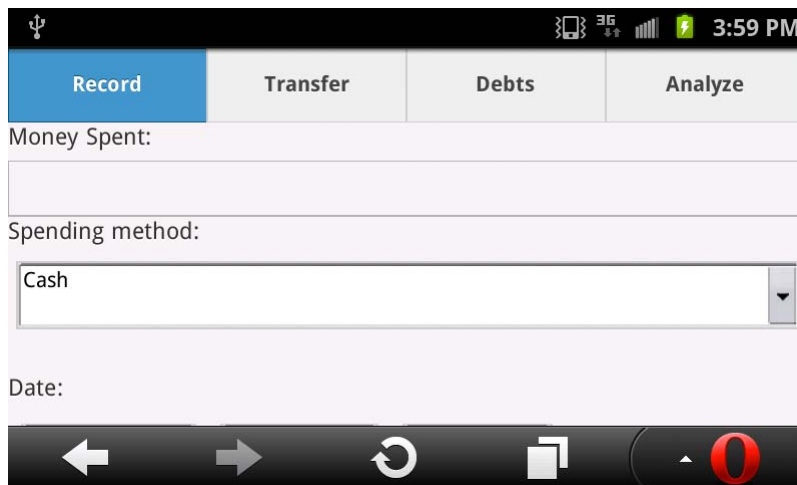


HW2 - Heuristic Evaluation

The numbered list below represents 15 different evaluations of the user interface. Screenshots are included as well as the Nielsen Heuristic used and the severity of the comment.

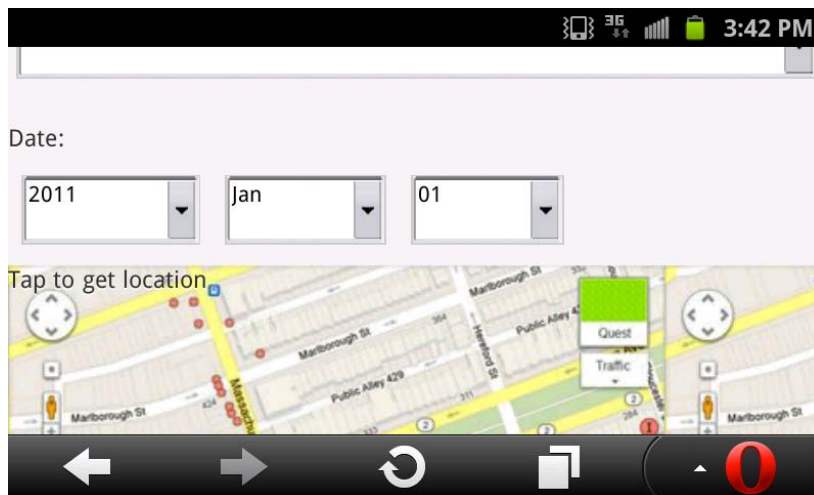
1. The text box for entering Money Spent on the Record page needs more contrast against the page. On a mobile device, the only thing distinguishing the text box from the background is the border. It might also help if the size of the box is decreased.



Nielsen Heuristic - Aesthetic design

Severity - Cosmetic

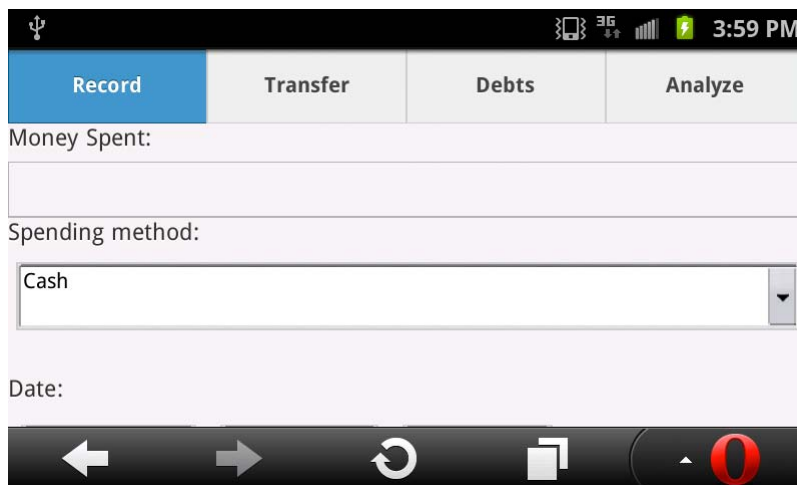
2. In the top left corner of the map on the Record page, it says to "Tap to get location," but tapping the map on the mobile device does nothing. It seems that pressing the "Track Spending" button enables GPS and gets the location of the user. These should be consolidated.



Nielsen Heuristic - Consistency and standards

Severity - Major

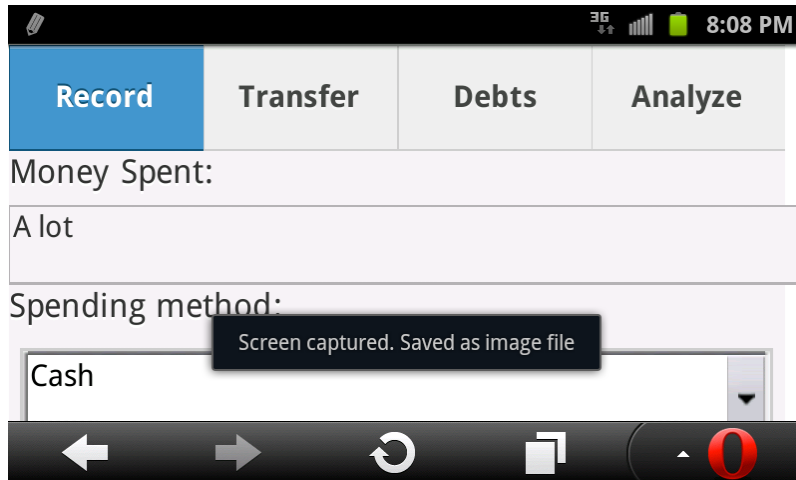
3. The tabs at the top of the page do not look like buttons that can be pressed by the user. Border contrast or shading can help the user identify that the tabs can be pressed. This is just a cosmetic suggestion, and does not affect the performance of the app.



Nielsen Heuristic - Aesthetic design

Severity - Cosmetic

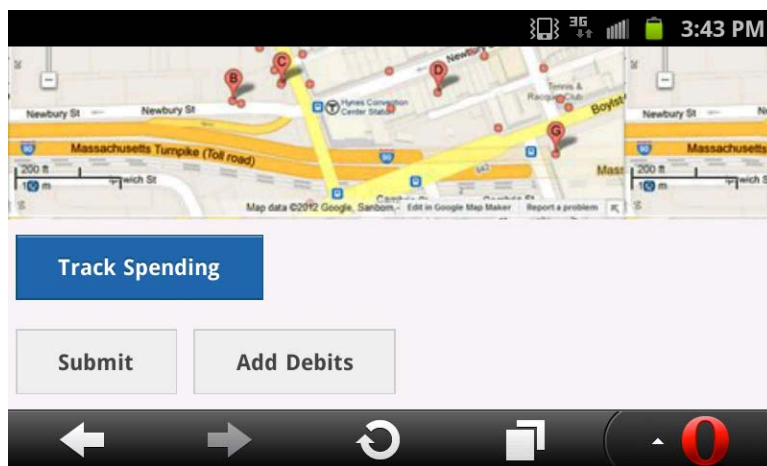
4. When a user types a value into the Money Spent text box on the Record page, he/she can enter any value that he/she wants. There is no regulation of only currency characters.



Nielsen Heuristic - Error prevention

Severity - Major

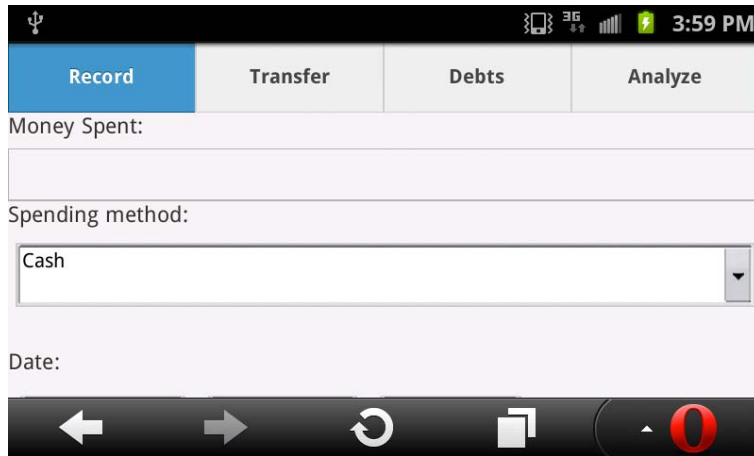
5. On the Record page, the Add Debts button is located in a confusing position. It is close to the Submit button but doesn't have anything to do with the form being submitted on the page. I accidentally clicked this button when trying to submit the form. It might need its own line at the top or bottom of the page.



Nielsen Heuristic - Flexibility and efficiency of use

Severity - Minor

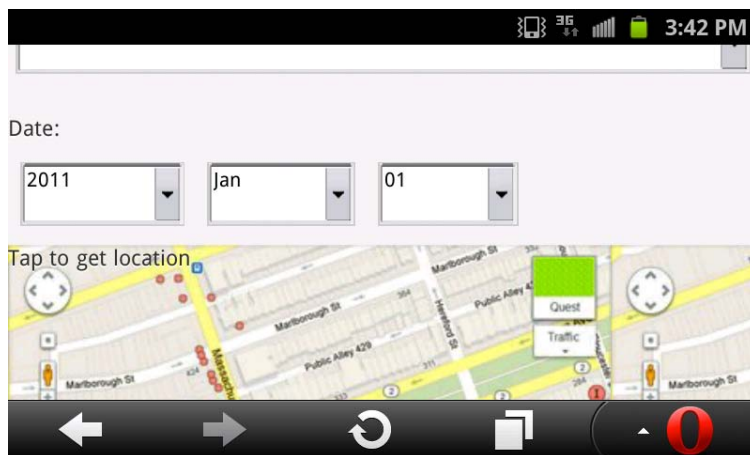
6. The Spending Method box stretches across the entire page and does not resemble a drop down menu on the mobile device.



Nielsen Heuristic - Consistency and standards

Severity - Minor

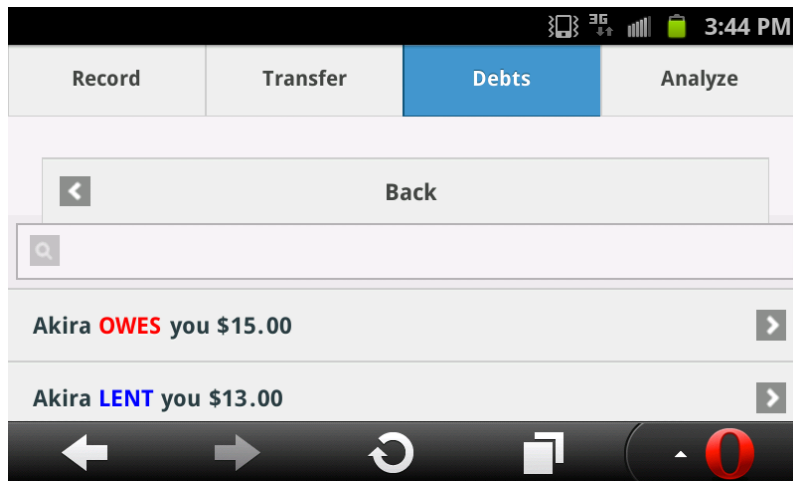
7. The map on the Record page duplicates itself if the screen is wider than 320px. This is only a cosmetic problem but should be addressed.



Nielsen Heuristic - Aesthetic design

Severity - Cosmetic

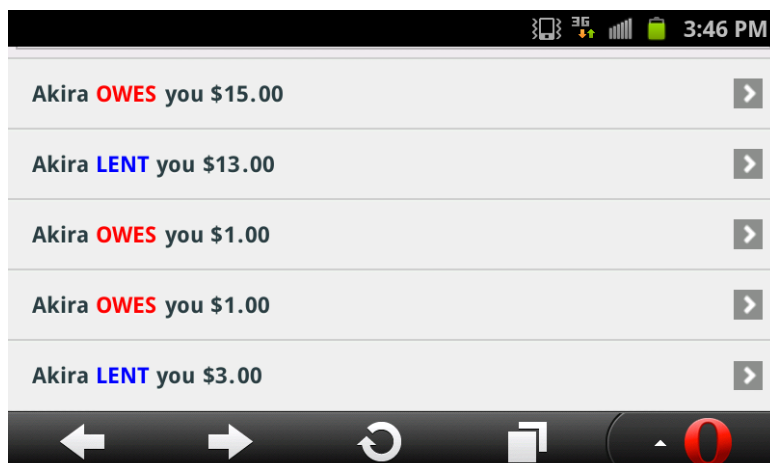
8. When a certain debt is clicked on the Debts page, the back button appears directly above the search bar. It is an uncommon place for the back button.



Nielsen Heuristic - Aesthetic design

Severity - Minor

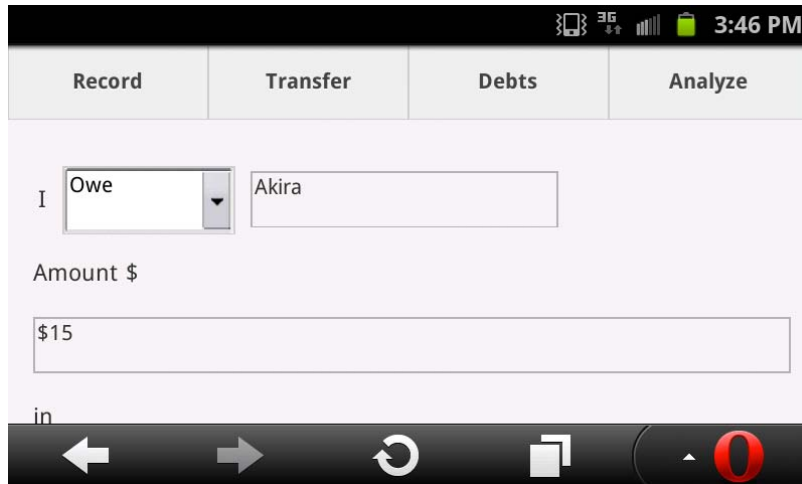
9. The Debts page lists the data in a way that makes it hard for the user to analyze. The transaction history between an individual is listed by date and cannot be sorted. It's tough to analyze individual debits and credits. You might consider using something like an accounting T-Table.



Nielsen Heuristic - Flexibility and efficiency of use

Severity - Major

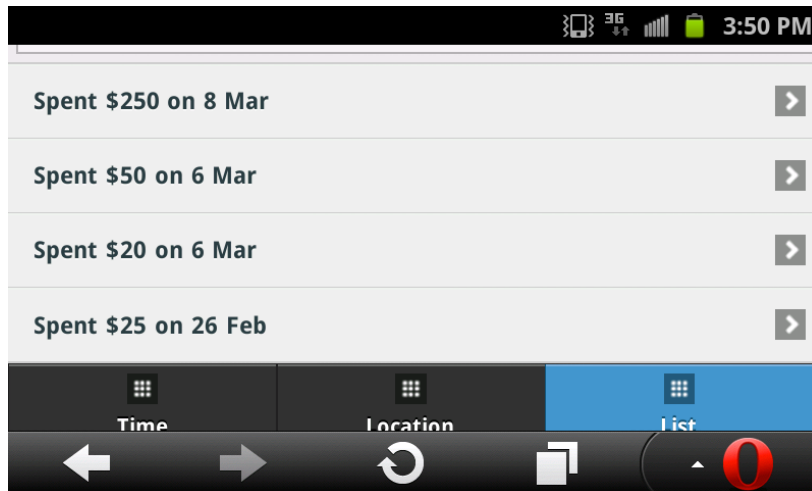
10. When an individual debt transaction is clicked, the Debts tab on the top of the page is no longer highlighted.



Nielsen Heuristic - Aesthetic design

Severity - Cosmetic

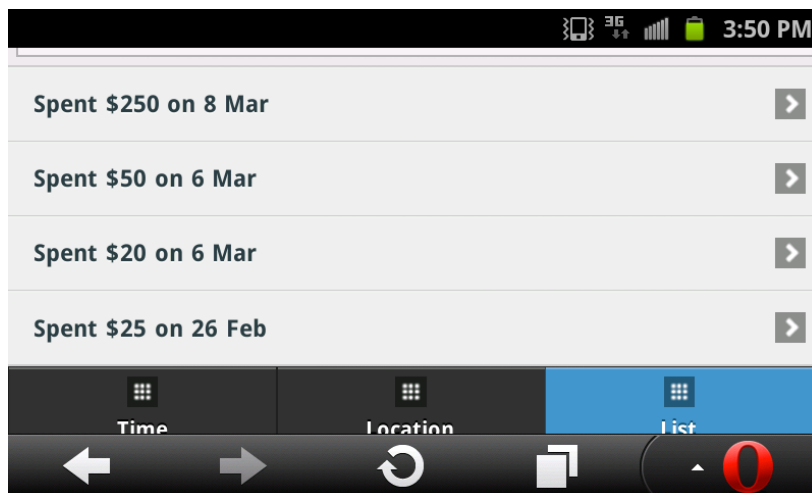
11. On the Analyze page, the bottom navigation bar was not immediately apparent since the user has to scroll down to see it. I wasn't sure how to navigate further for at least 20 seconds. You might consider showing a second sub menu under the top menu bar.



Nielsen Heuristic - Aesthetic design, Help and Documentation

Severity - Major

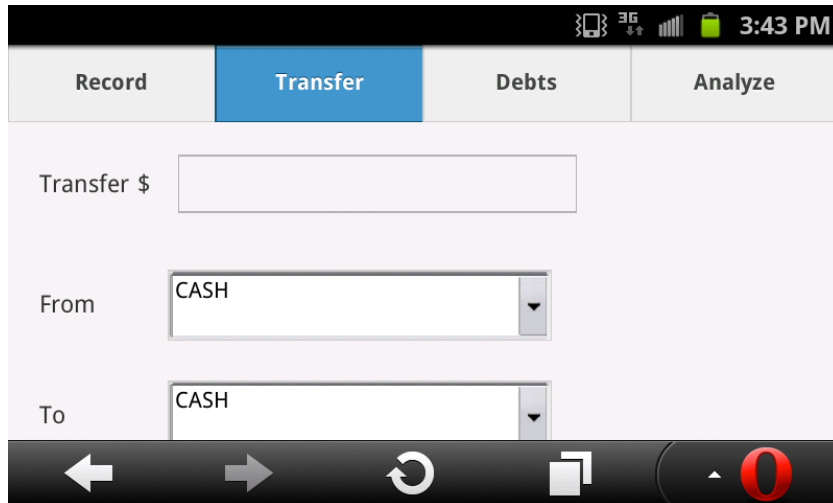
12. When a user navigates to Analyze and then clicks on the List tab, the information shown on the page is not very helpful. It only lists the amount spent and the price. It would help the user to show where the money was spent so that the user does not have to click through individual transactions.



Nielsen Heuristic - Aesthetic design, Efficiency of Use

Severity - Major

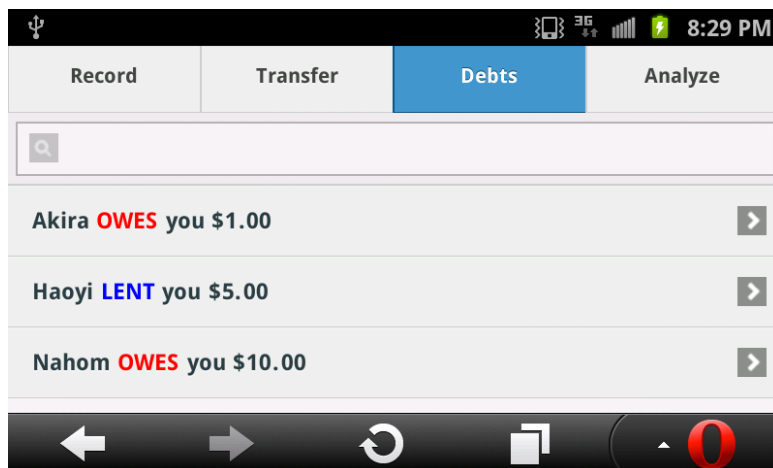
13. Overall the Transfer page looks very good. It is simple to use and shows all relevant information that the user needs.



Nielsen Heuristic - User Control and freedom

Severity - Good

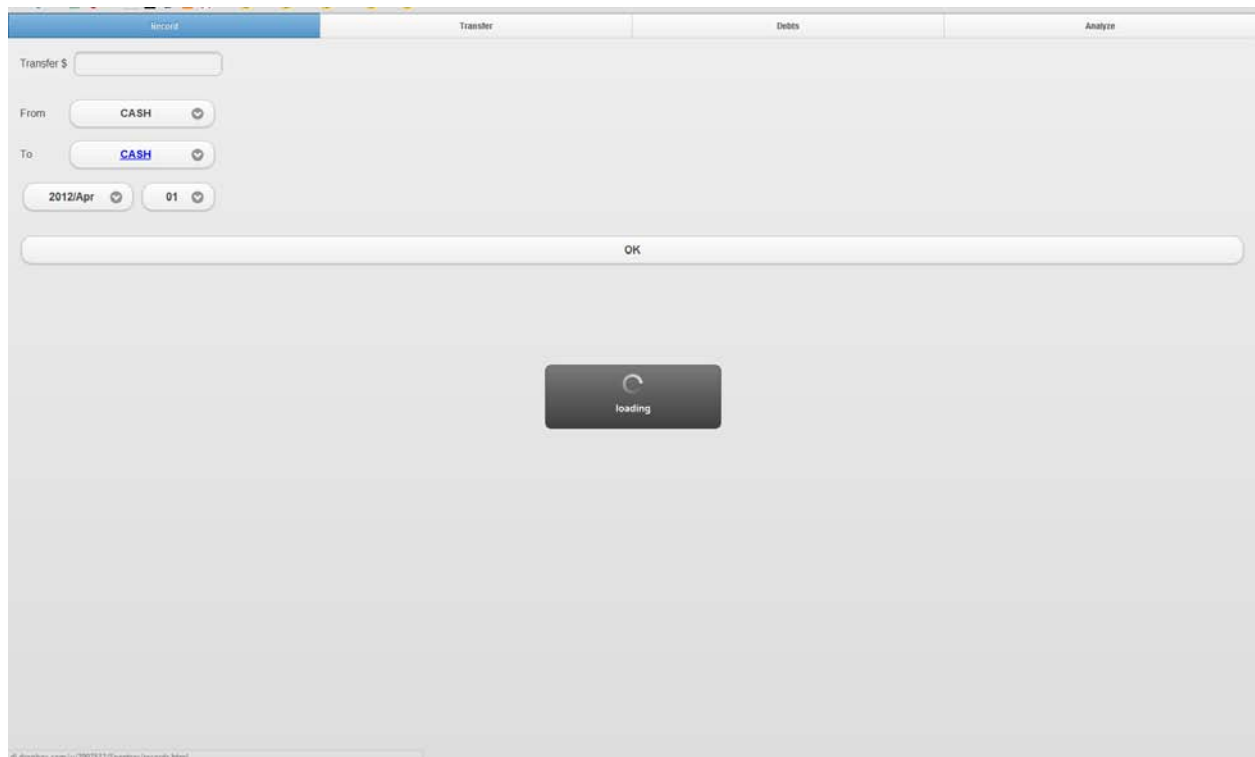
14. The first page shown under the Debts page is a nice touch that allows the user to see all his/her debts in a way that is easy to delve into. The pages after this need some work, but this display of information is simple and intuitive.



Nielsen Heuristic - Flexibility and efficiency of use

Severity - Good

15. If the site is used in a Desktop browser, there are nice animations between pages that show that the page is loading. These loading animations are missing from the mobile app. It would be nice to see this included in the final project.



Nielsen Heuristic - Visibility of system status

Severity - Minor

Overall the product looks great and flows great. There were no catastrophic concerns, but the app should be polished aesthetically before final release.