

Working Prototype Known Problems Report

Product Name: Collect

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List of problems that are not functional:

- **Problem: Naming of Receipts + Whitespace**
 - **Input/Action:** If a user adds whitespace to an existing receipt with the same name, or any whitespace, Collect takes that in
 - **Location of Fault:** Adding receipt button
 - **Possible Fix:** Detect and prune whitespace
- **Problem: Naming of Receipts + Whitespace**
 - **Input/Action:** If a user adds whitespace when adding someone with the same name, or any whitespace in general, Collect takes that in
 - **Location of Fault:** Add recipient button
 - **Possible Fix:** Detect and prune whitespace
- **Problem: Share Sheets Image**
 - **Input/Action:** When clicking share button, a user goes to “Save image”
 - **Location of Fault:** Share button on recipients list
 - **Possible Fix:** Saving image on share sheet is an unnecessary function
- **Problem: Price Display**
 - **Input/Action:** If the name of an item is too long on the receipt, the price of the item does not display
 - **Location of Fault:** Receipt Items Display
 - **Possible Fix:** Dynamically resize table view cell
- **Problem: TagGun Accuracy**
 - **Input/Action:** API call for analyzing
 - **Location of Fault:** When the items are displayed
 - **Possible Fix:** Use of confidence intervals for analysis, building our own CNN
- **Problem: Receipt Viewer Picture Orientation**
 - **Input/Action:** When a user uploads an image, it occasionally does not show it in portrait mode
 - **Location of Fault:** Item List -> View Receipt Button (Top Right)
 - **Possible Fix:** Bug is infrequent, but a solution could be to flip/modify orientation pixel-wise
- **Problem: Upload picture that is not a receipt**
 - **Input/Action:** When uploading an image, it will analyze any image with text

- **Location of Fault:** In add receipt -> uploading a picture
- **Possible Fix:** Analyze if it's specifically a receipt through deep learning