

# Working Prototype Known Problems Report

Receipt Splitter (TabDrop)

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Mar 8, 2022

## List of Defects

1. Clicking the "Upload Photo" button (Landing Page) will *sometimes* not upload, it might go straight to the next screen.
  - a. Occurrence: Rare
  - b. Possible fix(es): Unknown at this time
2. Clicking the "Upload Photo" button (Landing Page) will return with an Error. *This bug may appear differently on the iPhone and simulator.*
  - a. Occurrence: Often
  - b. Possible fix(es):
    - i. If the receipt image is not focused solely on the receipt, the AI in the backend might not be able to scan it.
      1. Fix: Crop the image so only the receipt is in view.
    - ii. If the receipt image is not clear, the AI might not be able to scan it.
      1. Fix: Retake the photo.
    - iii. If a bad receipt image base64 string is sent to the backend, the AI will not work
      1. Fix: Re-upload the photo.
    - iv. If the image is uploaded, but the items from the receipt are not added, the AI might not be working.
      1. Fix: Change to new Azure API key and endpoint for the AI
    - v. When running on iPhone (and sometimes the simulator), if the image takes more than 30 seconds for the Azure API to process, Heroku will kill the process running and the backend API will return a 503.
      1. Fix: unknown, change Azure to faster API
3. On the "Add New Item" screen, the Item Price will allow any input. It will crash on string input.
  - a. Occurrence: Only on string input
  - b. Possible fix(es): Filter input to only include digits and period.
4. Clicking "Take a Photo" (Landing Page) while running the application on the simulator will crash.
  - a. Occurrence: Every time

- b. Possible fix(es): Unknown at this time
- 5. When you go through the application, past the Names screen, and then go back to upload an image (Landing Page), after re-uploading the image, it will go back to the Names screen and the same names you entered initially will still be there, but you have to add a new name before moving on to the next screen.
  - a. Occurrence: Every time
  - b. Possible fix(es):
    - i. Delete a name and re-enter it
    - ii. Change the flag that is set to allow the button to be clicked.
- 6. There might be some items missing from the list on the "Drop names into items" screen.
  - a. Occurrence: Occasionally
  - b. Possible fix(es):
    - i. Caused by bad data in the back end, to minimize errors, we just remove the item altogether when sending the data to the front end.
      - 1. Fix: Add the item manually
- 7. When running on the simulator, on the Breakdown screen, if you don't invoke the iPhone keyboard, when entering the Tip Percent or Tax Percent, the "Done" button will show at the bottom.
  - a. Occurrence: Only on the simulator
  - b. Possible fix(es): Press *command-K* to invoke the on-screen keyboard for the intended button format.
- 8. When dragging names into the items ("Drop names into items" screen), if you don't drag a name to any items before moving to the next screen ("Breakdown" screen), that name won't appear in the breakdown list.
  - a. Occurrence: Every time
  - b. Possible fix(es):
    - i. Delete the name from the list on the "Add Names" screen.
    - ii. Display the breakdown for every name listed on the "Add Names" screen instead of every name that was dragged and dropped.
- 9. When a receipt is too long and the user wants to select 2 photos (Landing Page), they can't
  - a. Occurrence: Every time
  - b. Possible fix(es):
    - i. Have user take 1 photo and manually enter the rest of the items
    - ii. Allow user to select or take 2 photos and send to the backend at the same time