

Receipts-And-More

Modern Receipt Management

September-2022

info@receipts-and-more.edu

Pitch



0. A Message From The Team

Our repo contains the entirety of the code for our 2022 HopHacks project. We got the backend of our project working but we couldn't quite get the finishing touches together by the deadline. We are nonetheless proud of what we achieved. We implemented an AI system to derive the critical information off a receipt. We designed a bank statement parser to read in a PDF and return data that can be compared to receipts. We build a backend firebase integrated database management system that control the upload of new photos and bank statements and compares the two for fraud. We made a really awesome looking front end user management system that was connected to our firebase backend system. The overall integration of these 4 aspects was not quite ready by the end of Hop Hacks but the four of us plan to continue working on it in the coming weeks. We all believe in the project and personally want to see it through, both for the personal benefit of having such an app to use in our daily lives, and out of a commitment to the work that we started.

Thank you to the HopHacks team for facilitating this great experience.

1. Problem

It is difficult for college students to keep track of their expenditures making tax season difficult, and leaving them vulnerable to fraud.

22%

of college students fall victim to fraud

12%

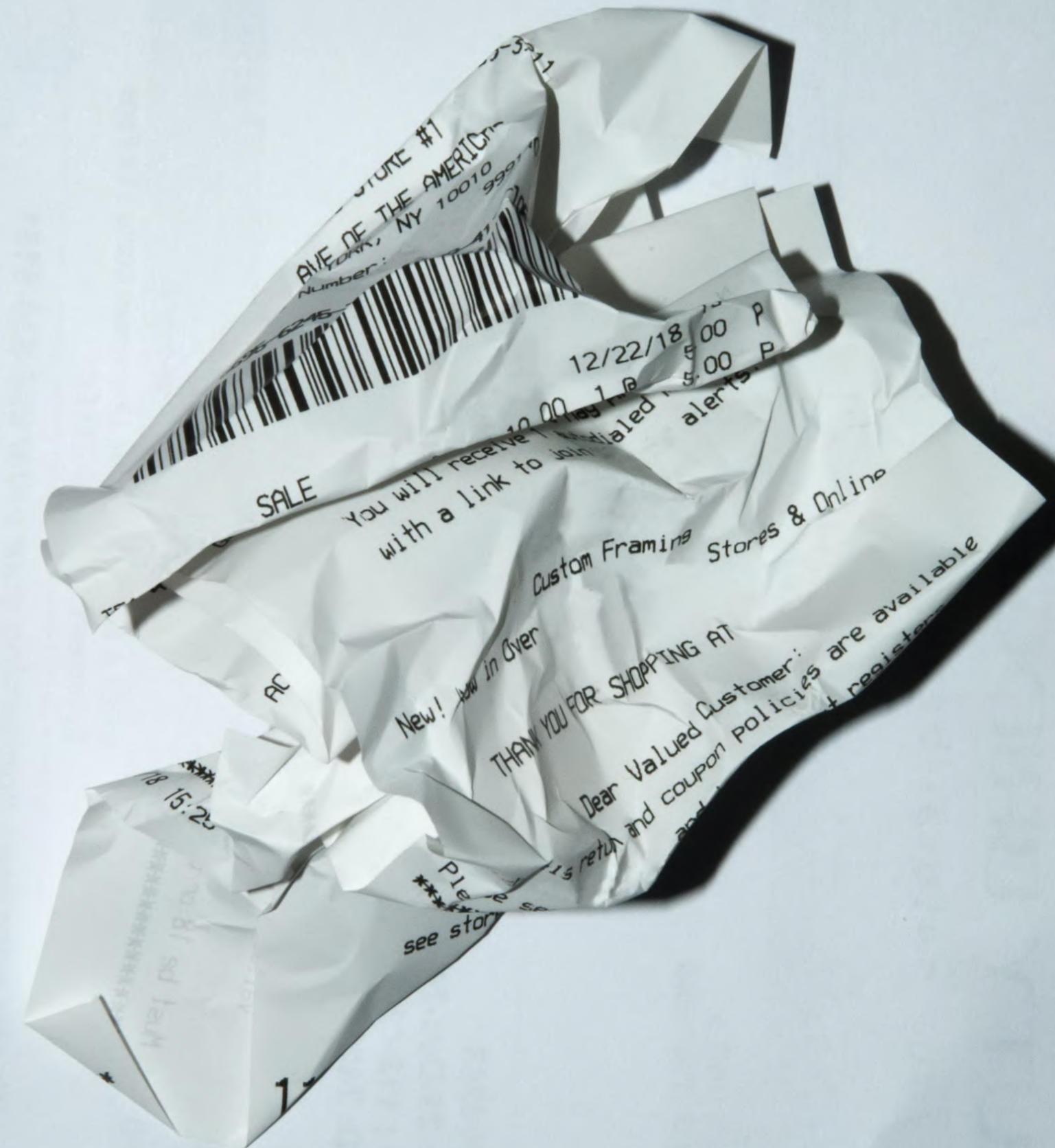
learned how to manage their taxes in school
prior to college

45%

increase in rates of fraud between 2019-2020

2. Value proposition

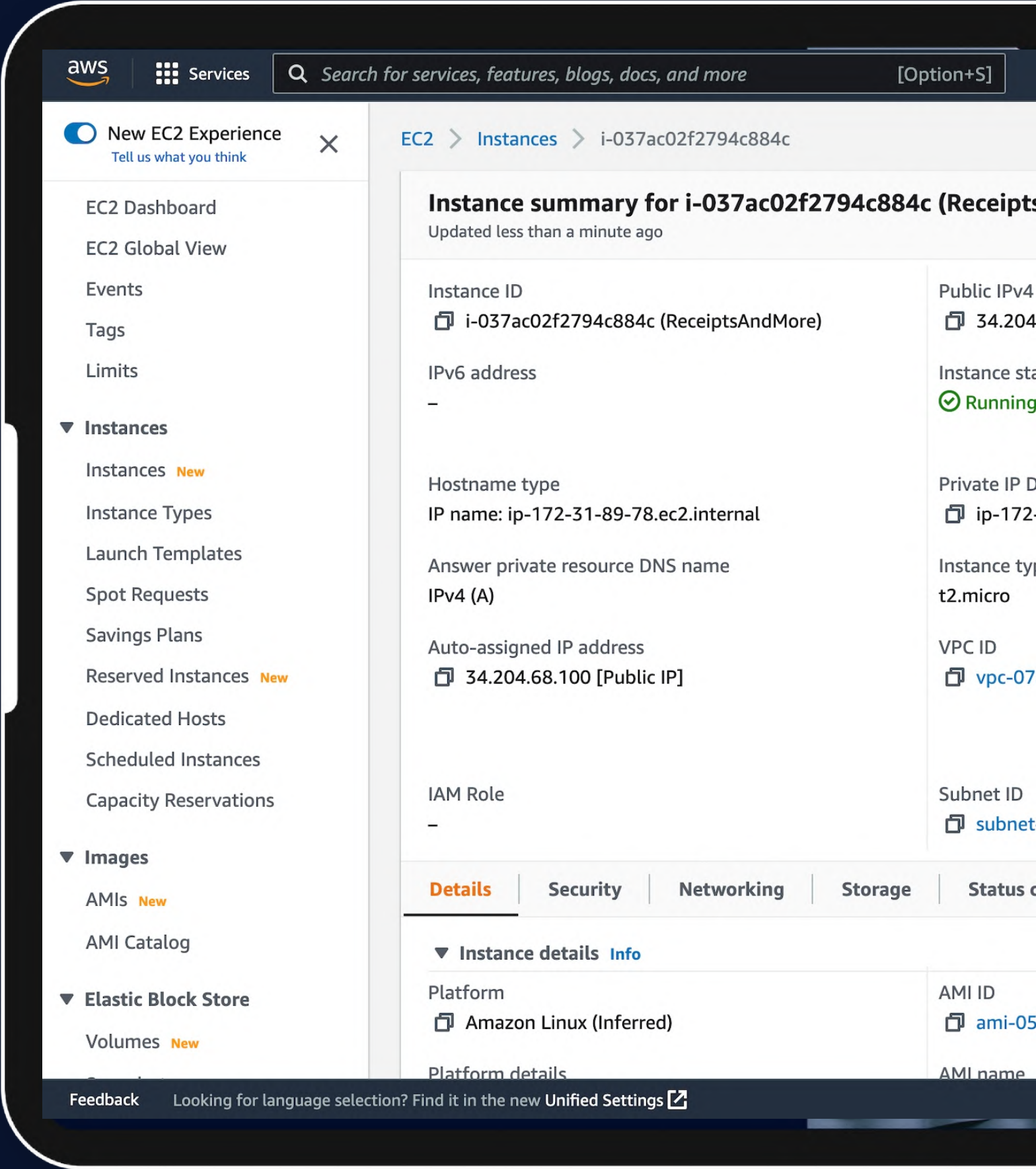
Our app makes the process of saving receipts (which is often seen as too tedious to be worth doing by college students) easy enough that anyone can become a master of their finances. We also understand that times are tough and want to make it as easy as possible for people to lend a hand by sharing coupons.



3. Our Solution

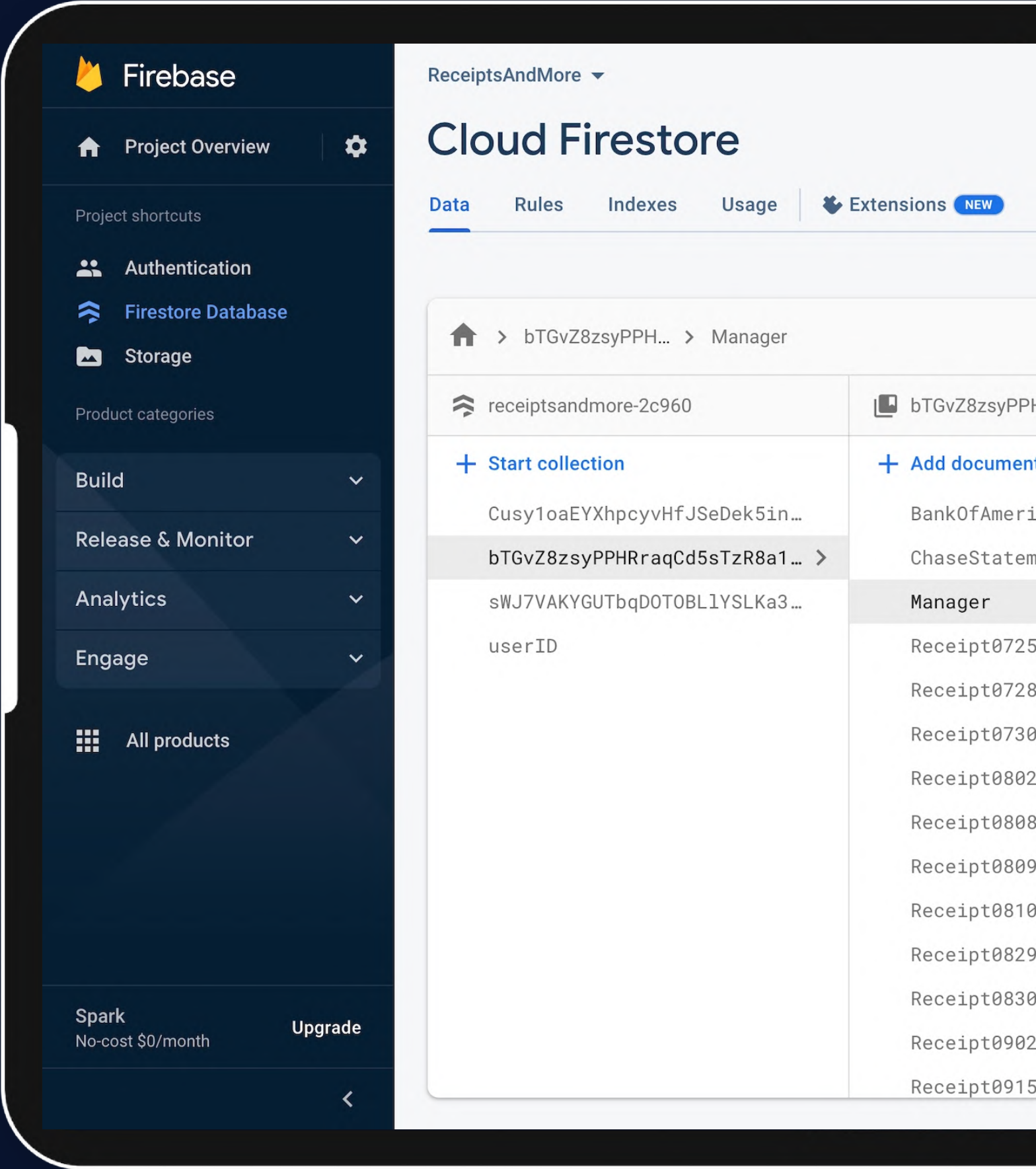
Our app uses AI to easily scan for important information on receipts and stores that information both to protect the user from cases of fraud, and to make tax season a breeze.

- Philanthropically Minded
- AI Powered
- Easy to use



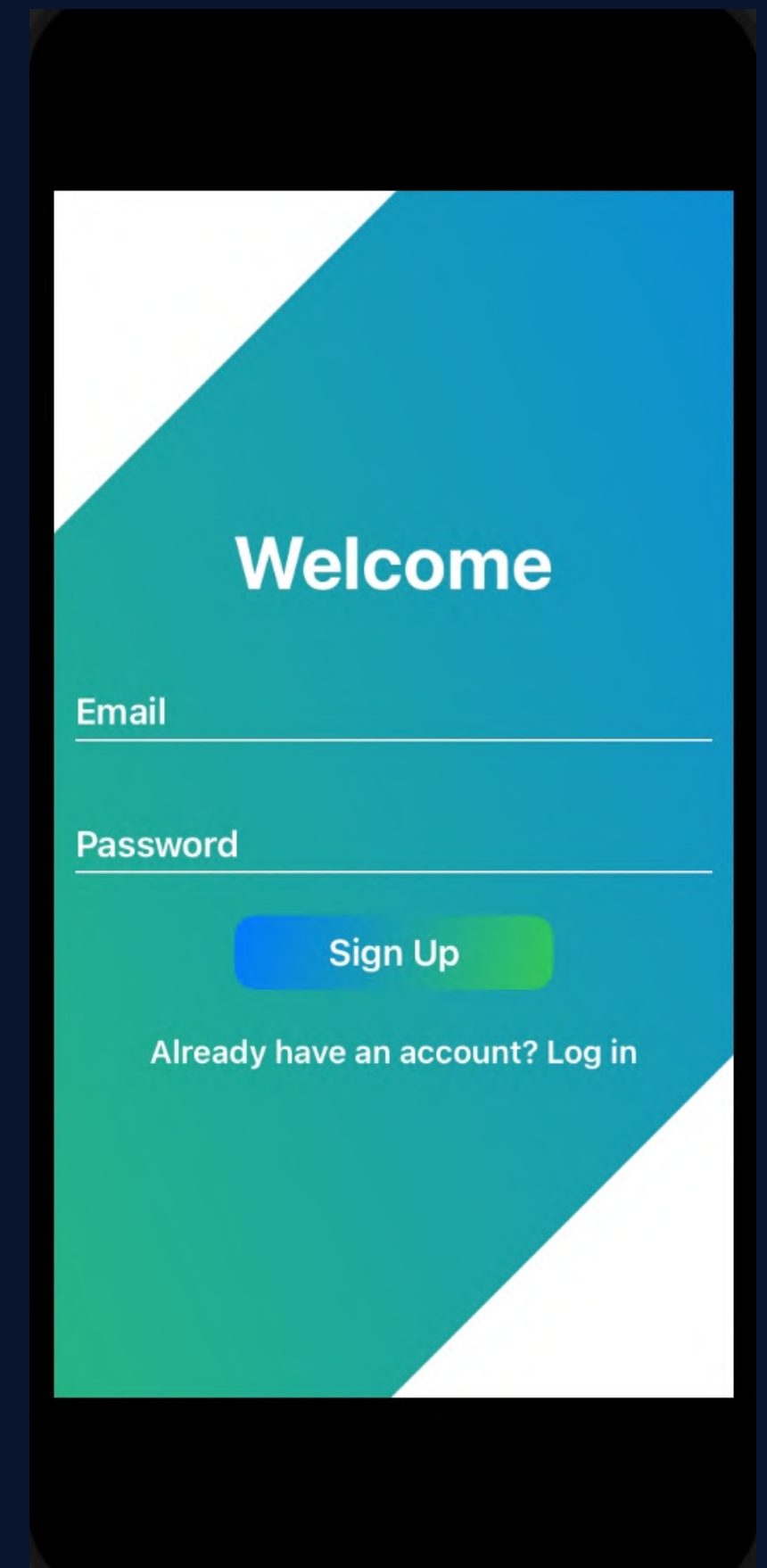
4. The Technology

Our app is power by Firebase, this means we can efficiently and effectively store our users data in a way that allows us to leverage this information to provide a quality user experience. The Firebase product gives us peace of mind in the security and reliability of our app, and makes sure it all runs smoothly for our users.



5. Our User Interface

Our easy to use UI was designed to provide a secure and easy experience to all of our users. Although a WIP, our IOS compatible app will be the interface through which users can interact with our powerful back end platform all while saving themselves the hassle of managing receipts on their own.



The Receipts

The fundamentals of our product.

-
- **PERSONALIZED USER ACOUNTS**
Securely store personal financial data
- **AI POWERED RECEIPT PROCESSING**
Easily and accurately scrapes pertinent data from photos of receipts
- **AUTOMATED FRAUD DETECTION**
Compares users receipts to bank statements to find unaccounted for purchases

The More

Extra features to improve user experience and add value to the product and community.

-
- **COUPON DONATION**
Users have the option to donate any coupons on their receipt to their favored charity

The Most

Our future goals that make set Receipts and More apart from the competition.

-
- **AI GENERATED SPENDING STATISTICS**
Provides the user insight into their spending habits and alerts them on savings
- **AUTOMATED BANK INTEGRATION**
App linked to the users bank account to make upload of statements even easier
- **SPENDING MAP**
Visualizes users spending history as a map.

Receipts-And-More

Thank you

September 2022

info@receipts-and-more.com

Pitch

