Heading
- Product Name: SPLITR
- Team Name: SPLITR
- Release Name: First Release
- Release Date: 3/8/21
- Revision Number: 1.0
- Revision Date: 1/8/21

High Level Goals

Users can upload a photo of a restaurant bill, then confirm its correct output. They can then check off items they ordered on a list generated. The app will calculate the appropriate total amount to pay in terms of food cost + percentage tax & tip.

User Stories

Sprint 1 (UPLOAD)

(5) As a "payer" (someone that wants to pay someone else), I want to be able to upload a picture of a receipt to the website so that it will convert to a checklist

(5) As payer, I want to be able to confirm that the items on the checklist are correct before proceeding so that I don't pay any incorrect amounts.

(2) As a "requester", I want to be able to share the link to the website with people easily.

Spikes:
- Setting up node + react environment,
- Learn react if you don't know it
- Researching and deciding an ocr library that works for receipts and potentially screenshots for mobile orders
- Integrating ocr feature into app

Sprint 2 (SPLIT)

(3) As a "payer", I want to be able to select/check what items are mine (if I uploaded a photo) so that they get totalled for easy viewing.

(3) As a "payer", I want to be able to select which items i shared with other people and how many people i shared them with so that I am not stuck paying the full price by default.

(2) As a "payer", I want to be able to manually input the tip amount because it is not pre populated by default on most bills

(3) As a "payer", I want my tax and tip amounts to reflect how much of the bill I was responsible for and for that amount to be added to my total cost so that I end up paying a fair share of these expenses

(2) As a "payer", I would like to select an additional expense like delivery cost in case this was a group delivery order

Sprint 3 (PAY)

(3) As a "payer", I would like to be able to just input a venmo username and press pay and immediately be routed to venmo to confirm the transaction so I don't need to manually switch apps

(3) As a "payer", I would like the option to select and input the requester's phone number instead of their username in case they don't have it memorized

(2) As a "requester" I would like to be able to just input a venmo username and press **request** and immediately be routed to venmo to confirm the transaction so I don't need to manually switch apps

(3) As a "requester" I would like to be able to send an "invoice" through text or email so that payers without venmo can still know how much they owe me

Sprint 4 (MISC)

(5) As a user of the app I would like it the app UI to be responsive across platforms so the experience is smooth no matter what size device I am using

(3) As a user of the app I would like the UI to be unique and pleasant to use to create a nice user experience.

(3) As a payer, I want the option to input my items manually in case i am using the app at home on a desktop/camera-less device. (blends in with sprint 2)

Product Backlog
- Mobile specific app with React Native
- Additional options for "requesters"

- - Input all payers in the beginning, then select each one in the "split" view. Request button somehow requests all users at once
  - Other payment services
    - Zelle is popular but I've never used it. If the api is easy as venmo it could be worth a look

Product Presentation
See the template for the initial presentation in the Resources.